

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

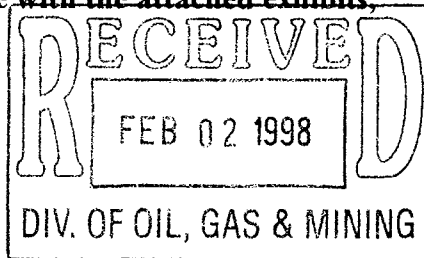
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-72106
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866		8. FARM OR LEASE NAME Beluga
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface SW/SE At proposed Prod. Zone 820' FSL & 1735' FEL <i>250 629</i>		9. WELL NO. #15-7-9-17
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T9S, R17E		10. FIELD AND POOL OR WILDCAT Monument Butte
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14.6 Miles south of Myton, UT		12. County Duchesne
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 820'		13. STATE UT
16. NO. OF ACRES IN LEASE 1188.92	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5380.7' GR		22. APPROX. DATE WORK WILL START* 2nd Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "G".

The Conditions of Approval are attached.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Cheryl Cameron</u> TITLE <u>Regulatory Compliance Specialist</u> DATE <u>1/26/98</u>
--

(This space for Federal or State office use)

PERMIT NO. <u>43-013-31579</u> APPROVAL DATE _____
--

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

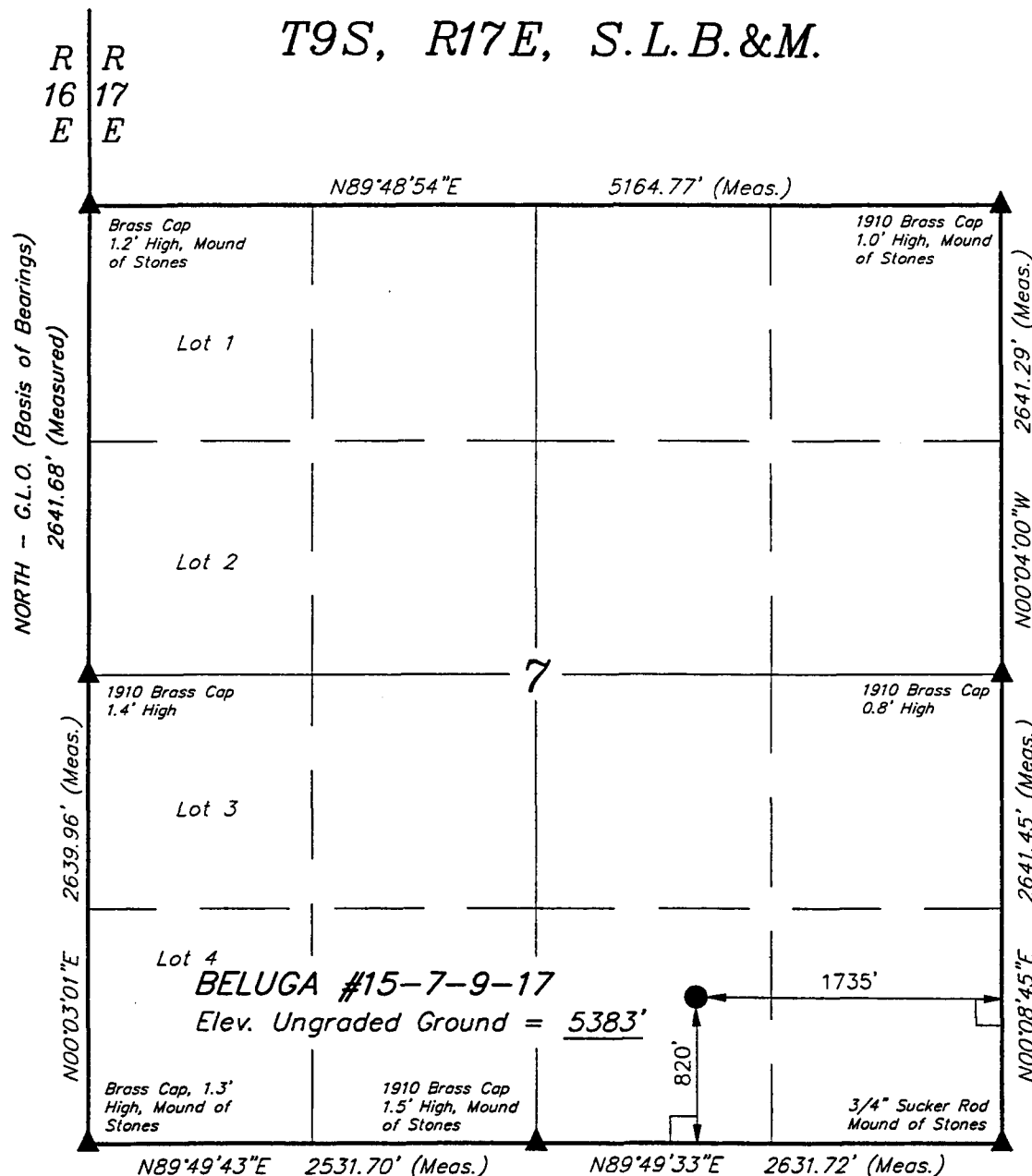
Federal Approval of this Action is Necessary

APPROVED BY <u>Bradley G. Hill</u> TITLE <u>RECLAMATION SPECIALIST III</u> DATE <u>4/20/98</u>
--

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T9S, R17E, S.L.B.&M.



LEGEND:

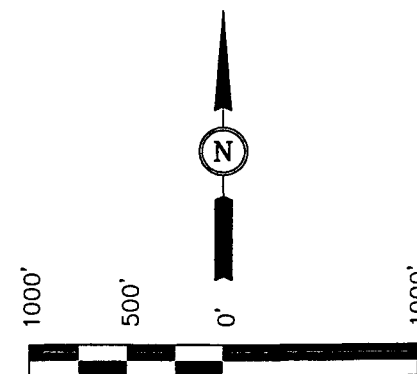
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

INLAND PRODUCTION CO.

Well location, BELUGA #15-7-9-17, located as shown in the SW 1/4 SE 1/4 of Section 7, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 7, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5265 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Paul L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-14-98	DATE DRAWN: 01-15-98
PARTY D.A. J.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

INLAND PRODUCTION COMPANY
BELUGA #15-7-9-17
SW/SE SECTION 7, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1455'
Green River	1455'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1455' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
BELUGA #15-7-9-17
SW/SE SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Beluga #15-7-9-17 located in the SW 1/4 SE 1/4 Section 7, T9S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and UT State Hwy 53; proceed southerly along this road 6.3 miles \pm to its junction with a dirt road to the southeast; continue southeasterly 1.6 miles to its junction with a dirt road; continue an additional 3.5 miles to its junction with a dirt road to the southwest; proceed southwesterly 1.7 miles to its junction with a dirt road to the west; proceed westerly 0.4 miles to its junction with a dirt road to the north; proceed northerly 0.2 miles to the proposed access road for the #10-7-9-17 location; proceed westerly 0.2 miles to the beginning of the proposed access road.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP. See Exhibit "E".

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). Refer to Exhibit "E".

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Beluga #15-7-9-17 for a 3" poly fuel gas line, and a 4" poly gas gatherline line. Both lines will be run on surface, adjacent to the existing road-way; the route will follow existing roads where possible. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Exhibit "G".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (435) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #15-7-9-17 SW/SE Section 7, Township 9S, Range 17E: Lease UTU-72106 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

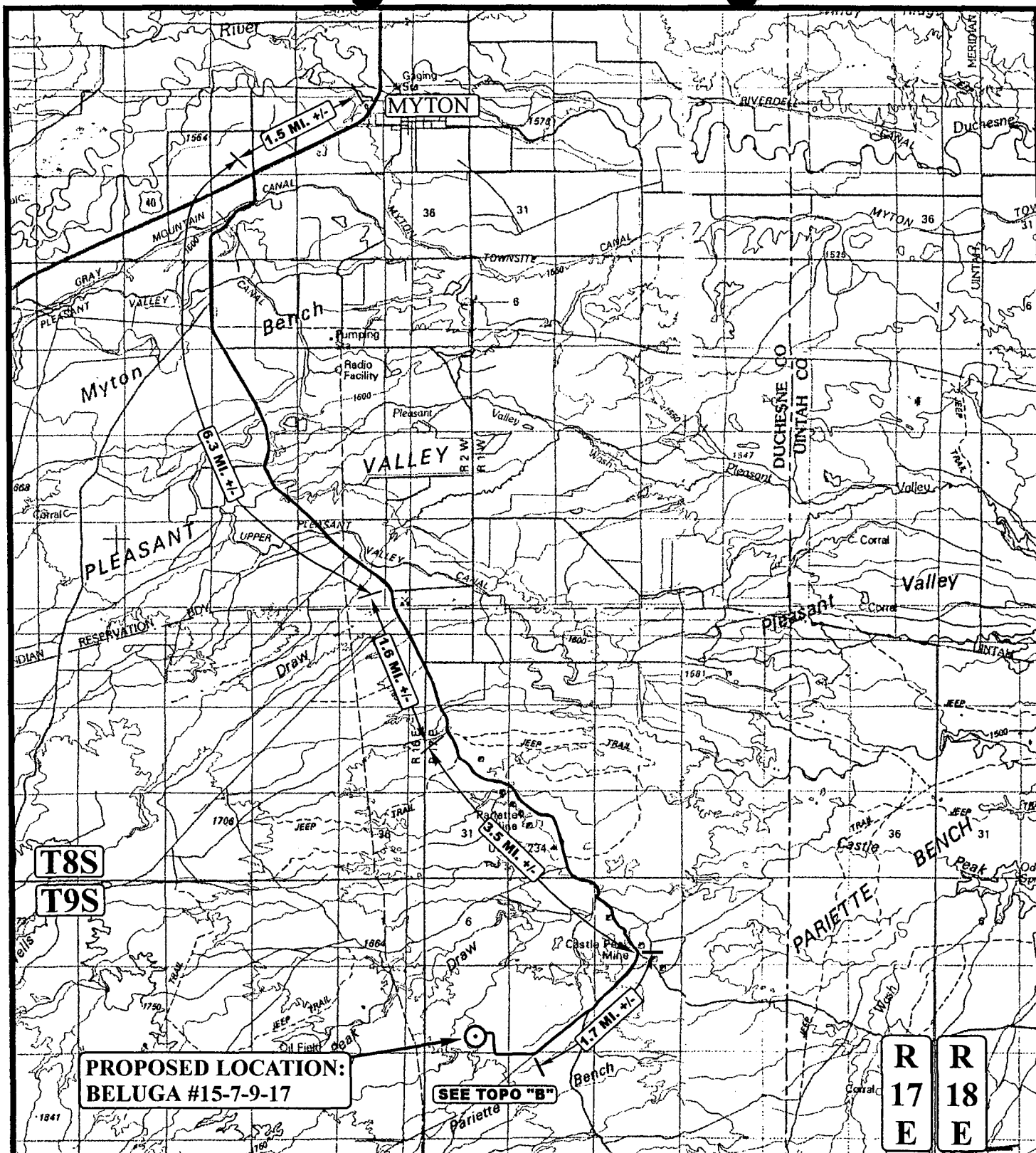
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/26/98

Date



Cheryl Cameron
Regulatory Compliance Specialist



LEGEND:

○ PROPOSED LOCATION



INLAND PRODUCTION CO.

BELUGA #15-7-9-17
SECTION 7, T9S, R17E, S.L.B.&M.
820' FSL 1735' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

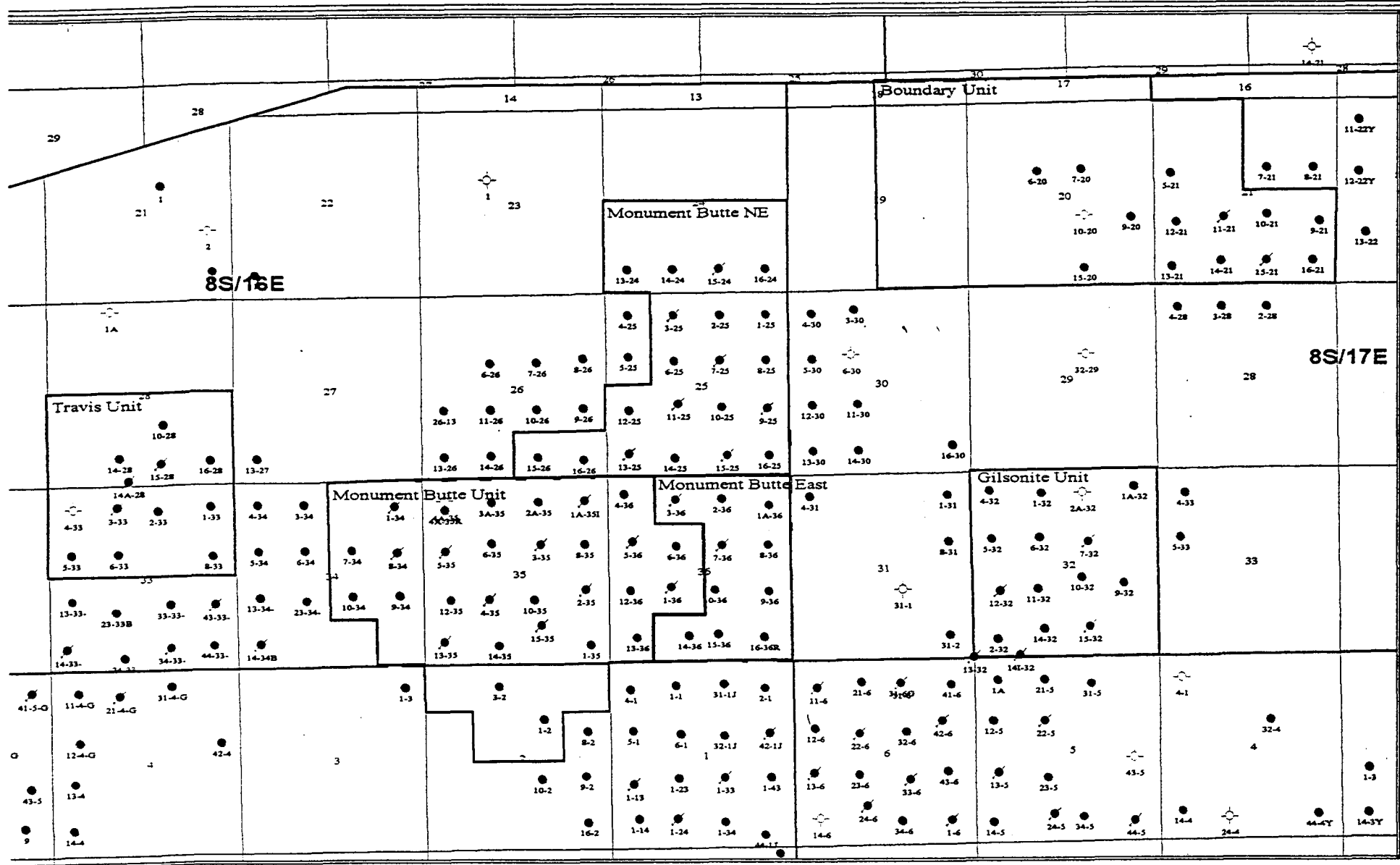
TOPOGRAPHIC
MAP

1 15 98
MONTH DAY YEAR



SCALE: 1 : 100,000 DRAWN BY: D.COX REVISED: 00-00-00

EXHIBIT "C"



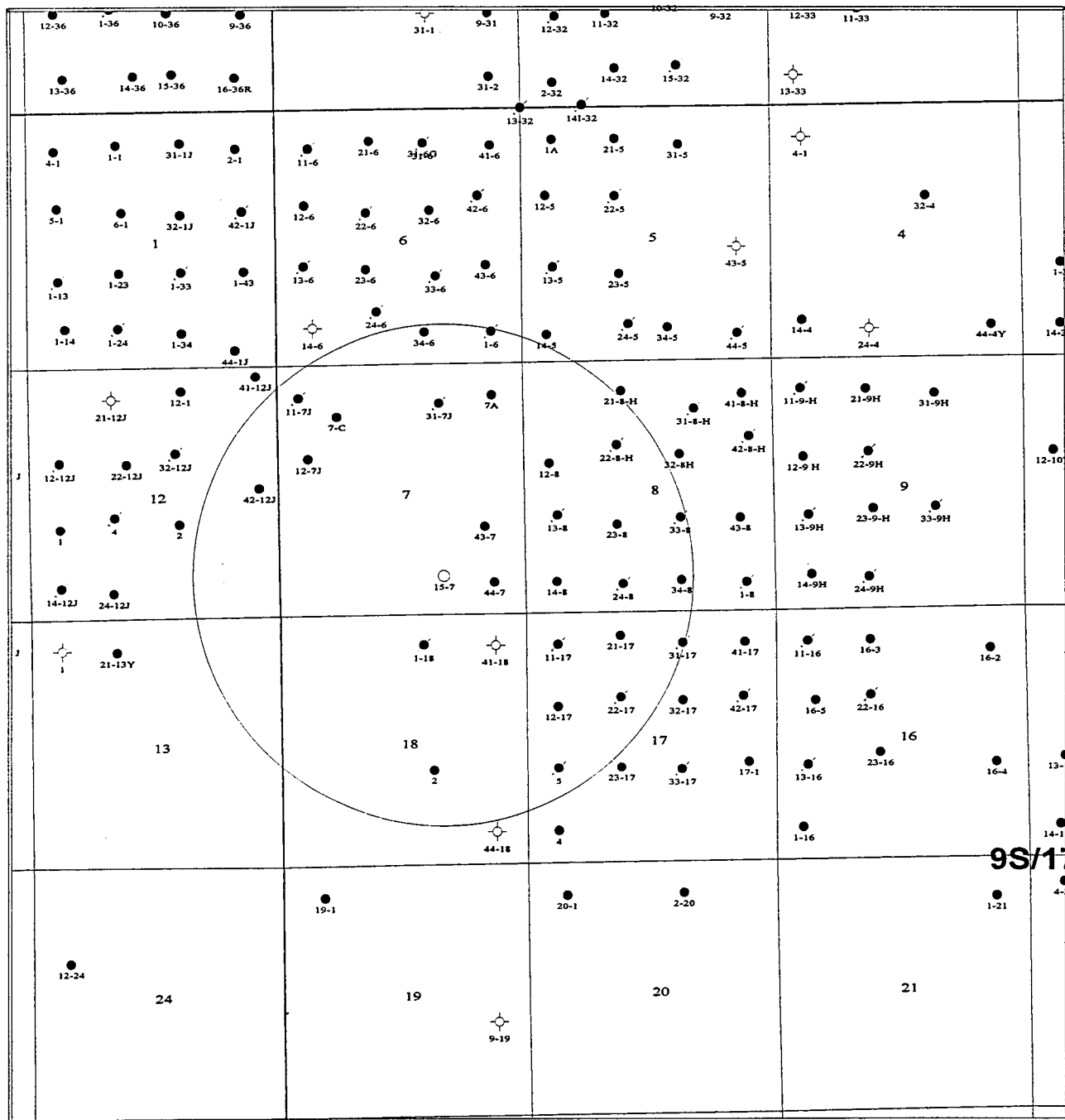


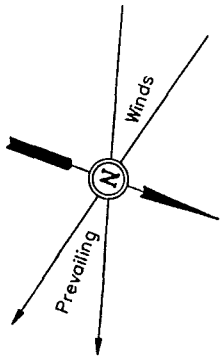
EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Beluga #15-7		
Josh Atkinson		1/5/98
Scale 1:40044.37		

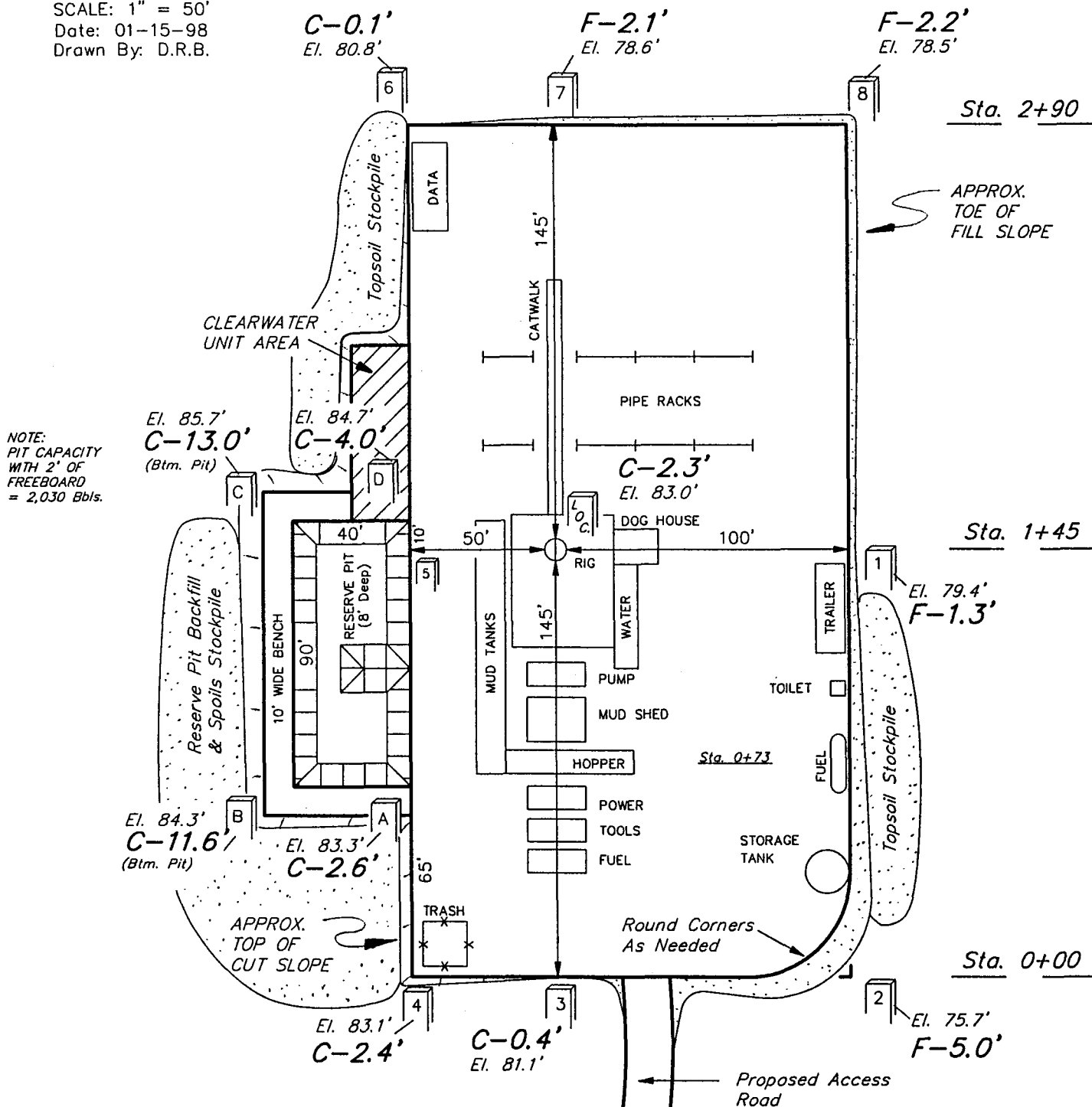
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

BELUGA #15-7-9-17
SECTION 7, T9S, R17E, S.L.B.&M.
820' FSL 1735' FEL



SCALE: 1" = 50'
Date: 01-15-98
Drawn By: D.R.B.



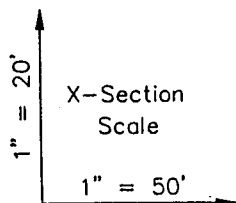
Elev. Ungraded Ground at Location Stake = 5383.0'
Elev. Graded Ground at Location Stake = 5380.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

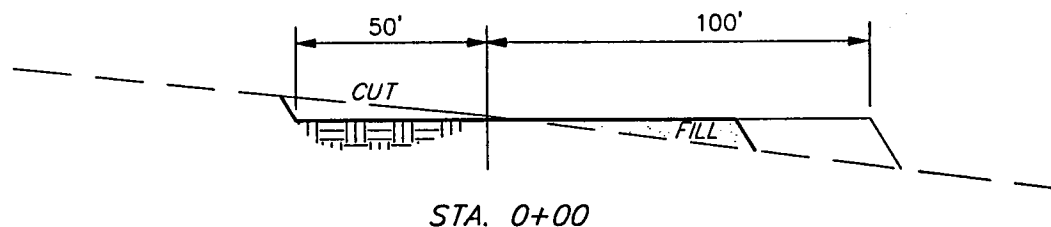
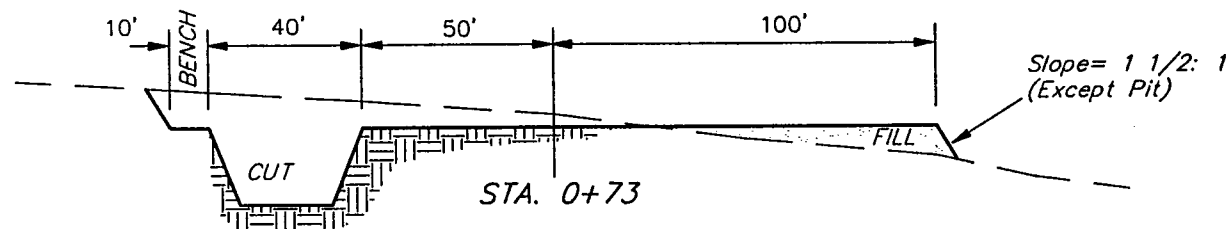
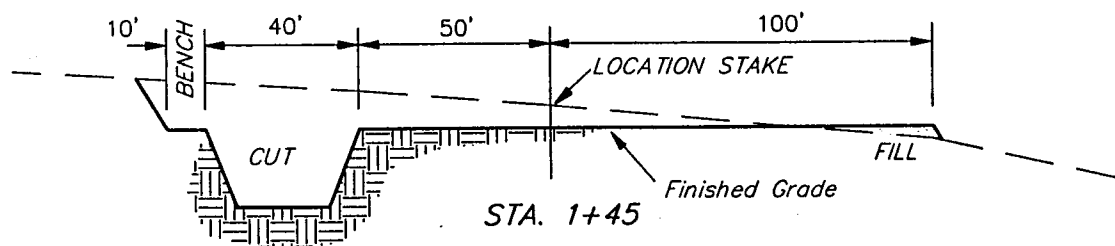
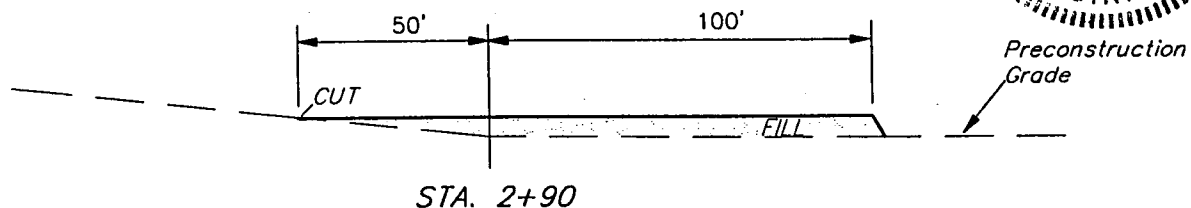
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

BELUGA #15-7-9-17
SECTION 7, T9S, R17E, S.L.B.&M.
820' FSL 1735' FEL



Date: 01-15-98
Drawn By: D.R.B.



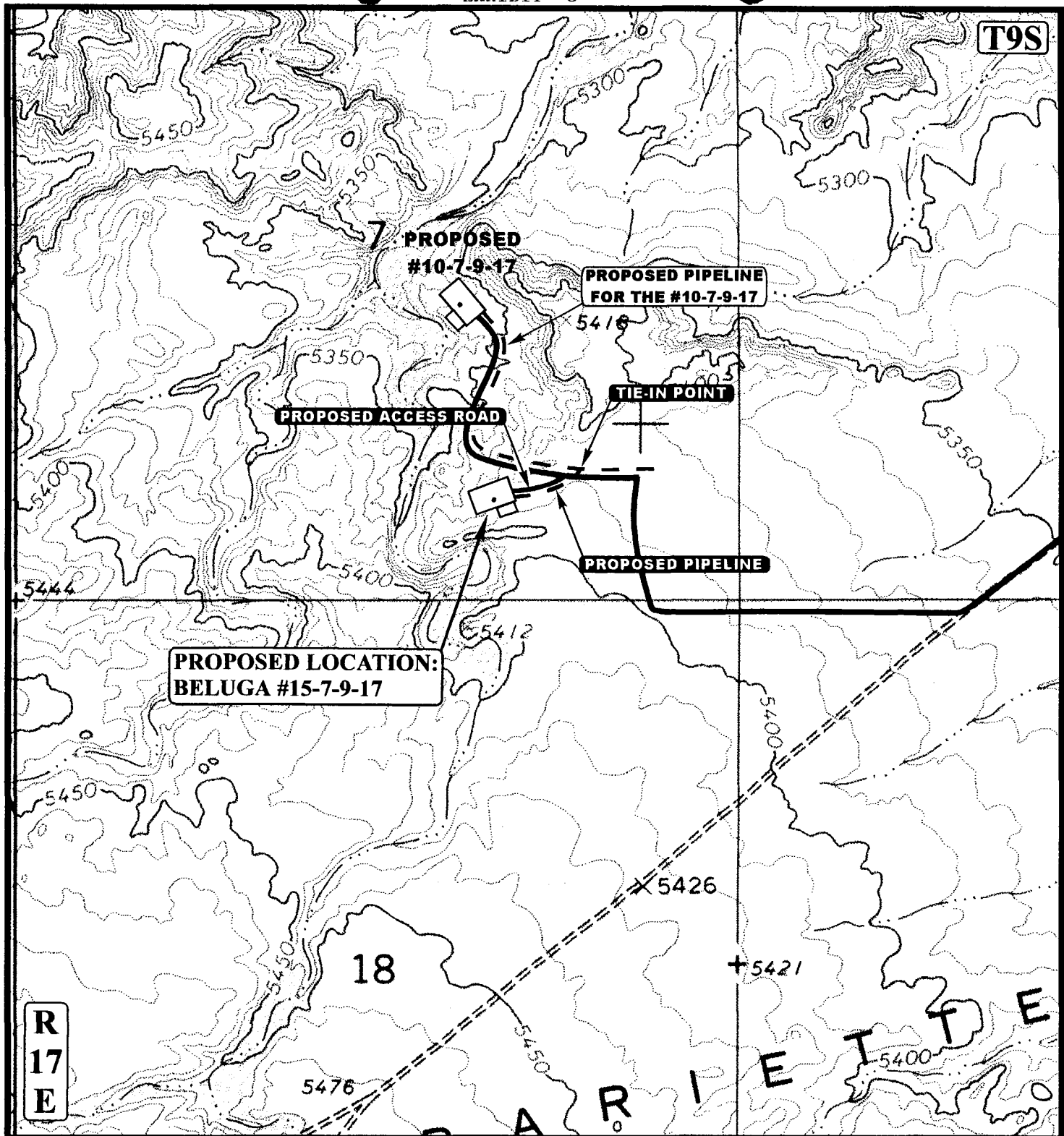
APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 870 Cu. Yds.
Remaining Location = 2,380 Cu. Yds.
TOTAL CUT = 3,250 CU.YDS.
FILL = 1,950 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 1,200 Cu. Yds.
Topsoil & Pit Backfill = 1,200 Cu. Yds.
(1/2 Pit Vol.)

EXCESS MATERIAL After = 0 Cu. Yds.
Reserve Pit is Backfilled &
Topsoil is Re-distributed

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



APPROXIMATE TOTAL PIPELINE DISTANCE = 600' +/-

LEGEND:

- — — — — EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- — — — — PROPOSED ACCESS



INLAND PRODUCTION CO.

BELUGA #15-7-9-17

SECTION 7, T9S, R17E, S.L.B.&M.

820' FSL 1735' FEL



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(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

1 **15** **98**
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: D.COX REVISED: 00-00-00



Well No.: Beluga 15-7-9-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 15-7-9-17

API Number:

Lease Number: UTU-72106

Location: SWSE Sec. 7, T9S, R17E

GENERAL

Access pad from E, off of 16-7-9-17 location.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

FERRUGINOUS HAWK: In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

OTHER

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/02/98

API NO. ASSIGNED: 43-013-31579

WELL NAME: BELUGA 15-7-9-17

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SWSE 07 - T09S - R17E

SURFACE: 0820-FSL-1735-FEL

BOTTOM: 0820-FSL-1735-FSL

DUCHESNE COUNTY

MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED

LEASE NUMBER: U - 72106

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

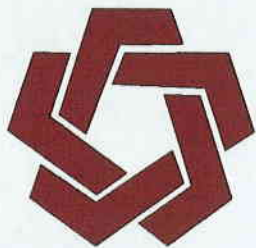
☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 4488944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number DUCHESNE STATE 7-32)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

☒ R649-2-3. Unit: BELUGA
____ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: ① FEDERAL APPROVAL



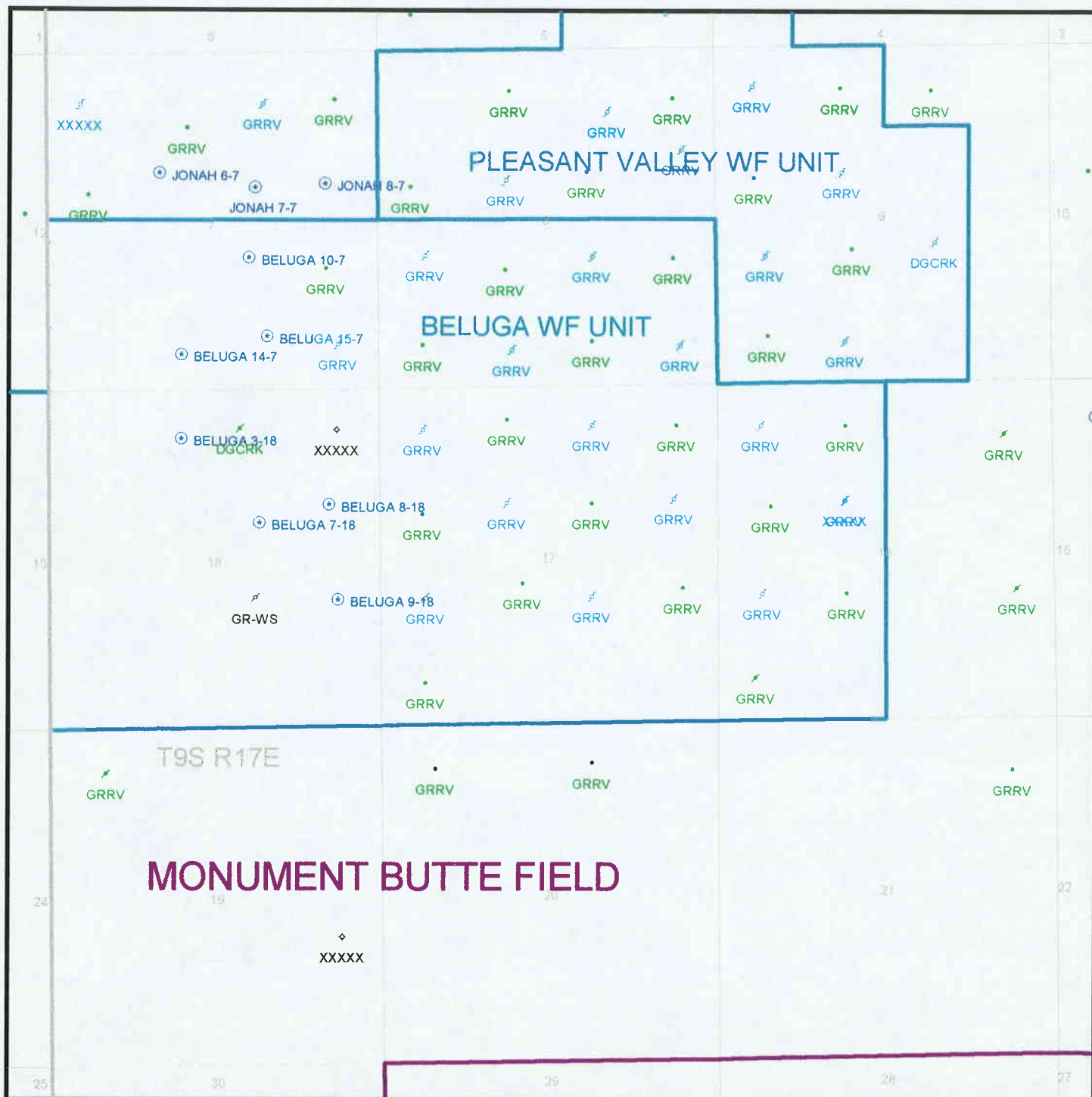
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. TWP. RNG.: SEC. 7 & 18, T9S, R17E

COUNTY: DUCHESNE UAC: R649-2-3 BELUGA WATERFLOOD



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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2. NAME OF OPERATOR Inland Production Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079			8. FARM OR LEASE NAME Beluga		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface SW/SE At proposed Prod. Zone 820' FSL & 1735' FEL			9. WELL NO. #15-7-9-17		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14.6 Miles south of Myton, UT			10. FIELD AND POOL OR WILDCAT Monument Butte		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 820'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T9S, R17E		
16. NO. OF ACRES IN LEASE 1188.92			12. County Duchesne		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE UT		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5380.7' GR			22. APPROX. DATE WORK WILL START* 2nd Quarter 1998		
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
Refer to Monument Butte Field SOP's Drilling Program/Casing Design					

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "G".

The Conditions of Approval are attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Cheryl Cameron* TITLE **Regulatory Compliance Specialist** DATE **1/26/98**
Cheryl Cameron

(This space for Federal or State office use)

PERMIT NO. **43013-31579** APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Jay Keneigh* TITLE **ACTING Assistant Field Manager** DATE **APR 14 1998**
Mineral Resources

CONDITIONS OF APPROVAL ATTACHED

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOG

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 15-7-9-17

API Number: 43-013-31579

Lease Number: U -72106

Location: SWSE Sec. 07 T. 9S R. 17E

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at ± 395 ft. or by setting surface casing to 450 ft and having a cement top for the production casing at least 200 ft. above the shallowest potential productive zone.

SURFACE USE PROGRAM
Conditions of Approval (COA)

Location Reclamation

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit, and for final reclamation: (All poundages are in Pure Live Seed)

black sagebrush	Artemesia arbuscula v. nova	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
western wheatgrass	Agropyron smithii	2 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by as shown on the cut sheet to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

Once the reserve pit is dry, it shall be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 20, 1998

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

Re: Beluga 15-7-9-17 Well, 0820' FSL, 1735' FEL, SW SE, Sec. 7,
T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31579.

Sincerely,

John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number: Beluga 15-7-9-17
API Number: 43-013-31579
Lease: U-72106
Location: SW SE Sec. 7 T. 9 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or John R. Baza at (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: BELUGA 15-7-9-17

Api No. 43-013-31579

Section 7 Township 9S Range 17E County DUCHESNE

Drilling Contractor

Rig #

SPUDDED:

Date 5/18/98

Time

How DRY HOLE

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 5/20/98 Signed: JLT

✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820 FSL 1735 FEL SW/SE Section 7, T09S R17E

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 5/14/98 - 5/20/98

Test lines, valves, rams & manifold to 2000 psi, csg to 1500 psi. TIH, blow hole down. Drl plug, cmt & GS.
SPUD WELL @ 12:45 PM, 5/19/98. Change air rubber & drivers. Drl 342' - 3360'.

14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

5/22/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil
Well

☐ Gas
Well

☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820 FSL 1735 FEL

SW/SE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other **Surface Spud**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

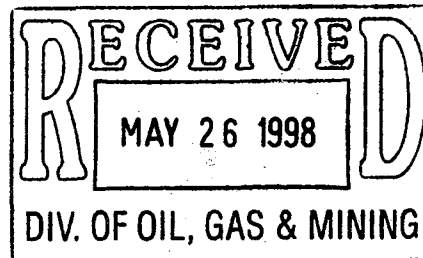
☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU Union #7. Drl & set 15' conductor. **SURFACE SPUD WELL @ 12:00 PM, 5/18/98.** Drl & set MH & RH. Drl kelly down. NU airbowl & flowline. Install rubber. Drl 12-1/4" hole to 342'. C&C. TOH. ND airbowl & flowline. Run 8-5/8" GS, 7 jt 8-5/8" 24# J-55 ST&C csg, WHI "W92", 2000 psi WP casinghead (314.82'). Csg set @ 324.57'. RU BJ. Pmp 10 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Class G, 2% CaCl₂, 1/4#/sk Cello Flake (15.6 ppg, 1.18 cf/sk yield). Had 6 bbl cmt returns. WOC. NU BOP's.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

5/22/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820 FSL 1735 FEL SW/SE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

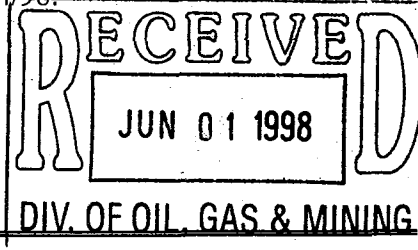
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 5/21/98 - 5/27/98

Drilled 7-7/8 hole w/Union #7 from 3360' - 5650'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 130 jt 5-1/2", 15.5#, J-55, LT & C csg (5604'). Csg set @ 5613'. RD Casers. 1/2 hr - RU BJ. Circ. 3/4 hr - Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/240 sx 28:72 Poz Type III modified (11.0 ppg 3.42 cf/sk yield) & 275 sx Class G w/10% A-10 & .1% R-3 (14.4 ppg 1.54 cf/sk yield). Good returns until POB w/2100 psi 12:45 am, 5/24/98. Est 8 bbl cmt to sfc. RD BJ. 2 hrs - ND BOP's, set slips w/80,000#, washout stack, RD. Rig released @ 2:45 am, 5/24/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

5/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820 FSL 1735 FEL SW/SE Section 7, T09S R17E

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

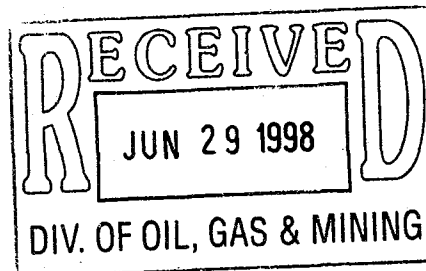
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 6/11/98 - 6/17/98

Perf CP sands @ 5413-28'.

Perf A sds @ 5054-60' & 5076-84'.

Perf D/C sds @ 4599-4605', 4680-90', 4732-35' & 4737-40'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

6/25/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil
Well

☐ Gas
Well

☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820 FSL 1735 FEL

SW/SE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other Weekly Status

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

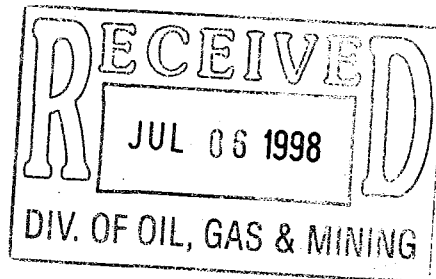
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 6/18/98 - 6/24/98

Perf GB sds @ 4061-67'.

Swab well. Trip production tbg.

Well ready for production. Waiting on flowline.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

7/2/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820 FSL 1735 FEL SW/SE Section 7, T09S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

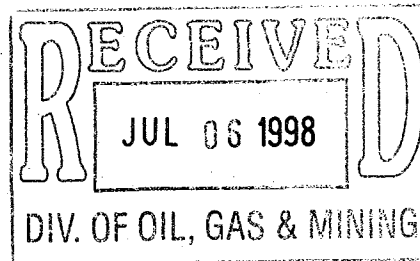
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 6/25/98 - 7/1/98

Place well on production @ 12:00 pm, 6/27/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

7/2/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6



OPERATOR Inland Production Company
ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

1/2

No. 5008

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	12414	99999	43-013-32042	S. Wells Draw 2-10-9-16	SW/NE	10	09S	16E	Duchesne	5/12/98	
WELL 1 COMMENTS: Spud well w/ ZCM Drilling @ 4:45 pm, 5/12/98. Entity added 7-14-98. Lec											
A	12415	99999	43-013-31447	S. Wells Draw 2-10-9-16	NW/NE	10	09S	16E	Duchesne	5/16/98	
WELL 2 COMMENTS: Spud well w/ ZCM Drilling @ 2:30 pm, 5/16/98. Entity added 7-14-98. Lec											
B	11880	99999	43-013-31579	Beluga 15-7-9-17	SW/SE	7	09S	17E	Duchesne	5/18/98	
WELL 3 COMMENTS: Spud well w/ Union, Rig #7 @ 12:00 pm, 5/18/98. Beluga Unit Entity added 7-14-98. Lec											
B	11880	99999	43-013-32048	Beluga 10-7-9-17	NW/SE	7	09S	17E	Duchesne	5/25/98	
WELL 4 COMMENTS: Spud well w/ Union, Rig #7 @ 11:00 am, 5/25/98. Beluga Unit Entity added 7-14-98. Lec											
A	12416	99999	43-013-32043	S. Wells Draw 4-9-9-16	NW/SE	9	09S	16E	Duchesne	5/20/98	
WELL 5 COMMENTS: Spud well w/ ZCM Drilling @ 7:30 am, 5/20/98. Entity added 7-14-98. Lec											

INLAND RESOURCES
JUN. 25, 1998 10:27 AM

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.
(3/89)

Shannon Smith
Signature

Engineering Secretary --- 04/02/98
Title Date

Phone No. (303) 382-4441

JUL-14-98 TUE 09:18 AM INLAND RESOURCES INC

FAX NO. 435/229149

P. 02/03

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 1

RECEIVED
JUL 14 1998

OPERATOR Inland Production Company
ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11880	99999	43-013-32049	Beluga 14-7-9-17	SW	7	09S	17E	Duchesne	6/1/98	
WELL 1 COMMENTS: Spud well w/ Union #7 @ 1:00 pm, 6/1/98. Beluga Unit Entity added 7-14-98. Lec											
A	12412	99999	43-047-33079	ODEKIRK SPRING 2-36-8-17	NE	36	08S	17E	Uintah	6/8/98	
WELL 2 COMMENTS: Spud well w/ Union #7 @ 1:30 pm, 6/8/98. Entity added 7-14-98. Lec											
A	12413	99999	43-013-32041	S. WELLS DRAW 6-10-9-16	SW	10	08S	16E	Duchesne	6/5/98	
WELL 3 COMMENTS: Spud well @ 3:00 pm, 6/5/98 w/ zcm Drilling. Entity added 7-14-98. Lec											
B	12391	99999	43-013-32062	TAR SANDS FED. 4-29-8-17	SW	29	08S	17E	Duchesne	6/8/98	
WELL 4 COMMENTS: Spud well w/ zcm Drilling @ 3:00 pm, 6/8/98. Greater Boundary (GR) Unit Entity added 7-14-98. Lec											
B	12391	99999	43-013-32064	TAR SANDS FED 2-29-8-17	NE	29	08S	17E	Duchesne	6/11/98	
WELL 5 COMMENTS: Spud well w/ zcm Drilling @ 10:00 am, 6/11/98. Greater Boundary (GR) Unit Entity added 7-14-98. Lec											

INLAND RESOURCES
JUN 25 1998 10:27AM

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith

Signature

Engineering Secretary

Title

04/02/98

Date

JUL-14-98 10:18 AM INLAND RESOURCES INC.

FAX NO. 435/229149

P. 03/03

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

P O BOX 790233 VERNAL, UT 84079 (435) 789-1866

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

820' FSL & 1735' FEL SW/SE SEC 7, T9S, R17E

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BELUGA FEDERAL 15-7-9-17

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

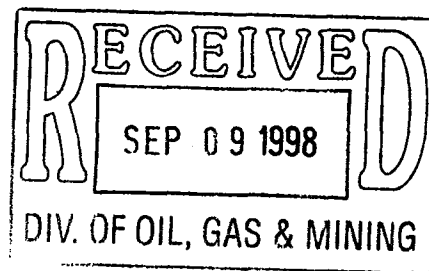
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Reserve Pit Reclamation**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The reserve pit has been backfilled and the topsoil has been spread over the rehabilitated area, in accordance with the Surface Use Program on July 29, 1998. The reserve pit and topsoil stockpile have been seeded per BLM requirements.



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Specialist

Date

9/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other ☐

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 790233 Vernal, UT 84079 (435) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

SW/SE

At top prod. interval reported below 820' FSL & 1735' FEL

At total depth

14. PERMIT NO. 43-013-31579
DATE ISSUED 4/14/98

12. COUNTY OR PARISH Duchesne
13. STATE UT

15. DATE SPUDDED 5/18/98
16. DATE T.D. REACHED 5/23/98
17. DATE COMPL. (Ready to prod.) 6/27/98
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5380.7' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5650'
21. PLUG, BACK T.D., MD & TVD 5561'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River - Refer to Item #31
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL/SP/GR/CAL - CN/CD/GR 9-22-98
27. WAS WELL CORRED No

CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
8 5/8	24#	324.57'	12 1/4	140 sx Class G 2% CC + 1/4/sk CF		
5 1/2	15.5#	5613'	7 7/8	240 sx Poz Type 111 Mod & G w/ 10% A-10 & .1% R-3		275 sx Class

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	EOT @ 5470'	TA @ 5375'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
CP	5413'-28'			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
A	5054'-60', 5076'-84'			Refer to Item #37	
D/C	4599'-4605', 4680'-90', 4732'-35', 4737'-40'				
GB	4061'-67'				

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/27/98		Pumping 2 1/2" X 1 1/2" X 15 1/2" RHAC pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/7/98	24	N/A		60	0	20	0
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A
TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Cheryl Cameron TITLE Regulatory Specialist
RECEIVED SEP 22 1998

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	3553'		#32. Perf CP sd 5413'-28'			
Garden Gulch 2	3868'		Frac w/ 110,105# 20/40 sd in 564 bbls			
Point 3	4116'		Viking 1-25 fluid			
X Marker	4377'					
Y Marker	4412'					
Douglas Creek	4538'		Perf A sd 5054'-60', 5076'-84'			
Bi-Carb	4781'		Frac w/ 56,066# 20/40 sd in 338 bbls			
Prime	4899'		Viking 1-25 fluid			
Castle Peak	5360'		Perf D/C sd 4599'-4605', 4680'-90', 4732'-35', 4737'-40'			
Basal Carb	NDE		Frac w/ 121,670# 20/40 sd in 565 bbls Viking 1-25 fluid			
			Perf GB sd 4061'-67'			
			Frac w/ 115,380# 20/40 sd in 541 bbls Viking 1-25 fluid			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

BELUGA (GREEN RIVER)

WELL(S)

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 43-7	07	090S	170E	4301331432	11880	Federal	OW	P
BELUGA 15-7-9-17	07	090S	170E	4301331579	11880	Federal	OW	P
BELUGA 10-7-9-17	07	090S	170E	4301332048	11880	Federal	WI	A
BELUGA 14-7-9-17	07	090S	170E	4301332049	11880	Federal	WI	A
MON FED 33-8	08	090S	170E	4301331427	11880	Federal	WI	A
MON ST 23-16-9-17B	16	090S	170E	4301331578	11880	State	OW	P
MON ST 13-16-9-17B	16	090S	170E	4301331580	11880	State	WI	A
MON FED 31-17	17	090S	170E	4301331428	11880	Federal	WI	A
MON FED 22-17	17	090S	170E	4301331429	11880	Federal	WI	A
BALCRON MON FED 12-17	17	090S	170E	4301331431	11880	Federal	OW	P
MONUMENT FED 32-17	17	090S	170E	4301331465	11880	Federal	OW	P
MONUMENT FED 41-17	17	090S	170E	4301331466	11880	Federal	OW	P
BALCRON MON FED 42-17	17	090S	170E	4301331467	11880	Federal	WI	A
MON FED 33-17-9-17B	17	090S	170E	4301331581	11880	Federal	WI	A
MON FED 23-17-9-17B	17	090S	170E	4301331582	11880	Federal	OW	P
BELUGA 3-18-9-17	18	090S	170E	4301332050	11880	Federal	OW	P
BELUGA 7-18-9-17	18	090S	170E	4301332051	11880	Federal	OW	TA
BELUGA 8-18-9-17	18	090S	170E	4301332052	11880	Federal	WI	A
BELUGA 9-18-9-17	18	090S	170E	4301332053	11880	Federal	OW	P
BELUGA U 4-18-9-17	18	090S	170E	4301332274	11880	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



State of Utah
Division of Oil, Gas & Mining (OGM)

**ON-SITE PREDRILL EVALUATION AND REVIEW
FOR
APPLICATION FOR PERMIT TO DRILL (APD)**

OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY

WELL NO.

MONUMENT STATE #22-16-9-17B

LEASE NO.

ML - 3453 - B

API No.

43-013-31579

LEASE TYPE

State ☒

Fee ☐

PROPOSED LOCATION

$\frac{1}{4} / \frac{1}{4}$

SE NW

SECTION

16

TOWNSHIP

9 S

RANGE

17 E

COUNTY

DUCHESNE

FIELD

MONUMENT BUTTE 105

SURFACE

1824 FNL 1981 FWL

BOTTOM HOLE

SAME AS SURFACE LOCATION

GPS COORDINATES

584193

E

4431611

N

SURFACE OWNER

STATE OF UTAH

SURFACE AGREEMENT

Yes ☒

No ☐

CONFIDENTIAL

Yes ☒

No ☐

LOCATING AND SITING

☐

UAC R649-2-3.

Unit

☒

UAC R649-3-2. General

☐

UAC R649-3-3. Exception

☐

UCA 40-6-6. Drilling Unit

--

Cause No.

DRILLING PROGRAM

The following information should be included in the Application for Permit to Drill submitted.

- 1 Surface Formation and Estimated Tops/Geologic Markers
- 2 Estimated Depths and Names of Anticipated Water, Oil, Gas or other Mineral Bearing Formations

 (All fresh water sands encountered during drilling shall be recorded and reported to the Division on Form 7.)
- 3 Well Control Equipment & Testing Procedures
- 4 Proposed Casing and Cementing Program
- 5 Mud Program, Circulating Medium, and Monitoring equipment
- 6 Coring, Testing, and Logging Program
- 7 Expected Bottom Hole Pressures and any anticipated Abnormal Pressures, Temperatures or Potential Hazards such as hydrogen sulfide, expectations and contingency plans for mitigating identified hazards
- 8 Any other information relative to the proposed operation.

Onsite Participants:

Danny Farnsworth (Equitable Resources); Dennis L. Ingram (DOGM); David Hackford (DOGM).

Regional Setting/Topography:

Arid desert habitat on north side of wash just south of Pariette Bench. Dry stream bed exists approximately 200 feet to the south. Drill pad already exists as the lease is an old abandoned location. Natural revegetation is occurring.

SURFACE USE PLAN:

Current Surface Use: Domestic livestock grazing and some wildlife use.

Proposed Surface Disturbance: 273' x 142' =.89 acres needed for project.

1. Existing Roads Highway 40 to Myton turnoff south on Sand Wash Road to oil Field access roads n Monument Butte.
2. Planned Access Roads - include length of new road, length of existing road to be upgraded, maximum disturbed and travel surface widths, maximum grades, turnouts, surface materials, drainage, cattleguards 0.6 miles of new access Road will be required.
3. Location of existing wells within one-mile radius of proposed location, include water, injection, producing, drilling with present status of each well See the attached map from the GIS Database
4. Location of Production Facilities and Pipelines. Pipelines are already in Place. Production facilities will be on the location.
5. Location and Type of Water Supply (include Division of Water Rights approval or identifying number). Water will be supplied by truck to the location while Drilling operations are underway.
6. Source of Construction Material. Materials will be borrowed from location Spoil.
7. Waste Management Plan. See part 7 of the surface use plan of the APD. This Plan appears to be complete.
8. Ancillary Facilities. None will be required.

9. Well Site Layout. See the attached plat labeled as Exhibit "L".
10. Surface Restoration Plans. As required by the Division of State Lands.

ENVIRONMENTAL PARAMETERS:

Affected Floodplain and/or Wetlands:

A 404 dredge and fill permit may be required if this site is in or adjacent to a wetland or other established drainage or floodplain. (Contact the Army Corps of Engineers if there are concerns of this nature) No.

Flora/Fauna:

Briefly describe the flora found on the proposed site and the fauna evidenced or sighted on or near the proposed location Vegetation cover consists of shadscale community species: bladderpod, shadscale, greasewood, and bunch grass. No track evidence but is antelope, rabbit, coyote, small birds, raptors, reptiles, and insects habitat.

SURFACE GEOLOGY

Soil Type and Characteristics: Very fine grained, buff colored sand which contains a moderate amount of Pleistocene gravel.

Surface Formation & Characteristics: Uinta Formation of Upper Eocene Age.

Erosion/Sedimentation/Stability: Minor erosion, minor sedimentation, no stability problems anticipated.

Paleontological Potential Observed: None observed on presite visit.

RESERVE PIT

Characteristics: Reserve pit was constructed by previous owner and will be utilized.

Lining (Site ranking form attached): 20 points.

OTHER OBSERVATIONS

Cultural Resources/Archaeology (if proposed location is on State land, has an archaeology clearance been obtained?): "An Archaeology Survey has been ordered and will be provided as soon as it is completed," states Equitable Resources.

Comments: Ground was 100 percent open (no snow cover) on visit. A location was built here before 12/9/85 at which time surface was drilled and casing run. The old reserve pit is still in good condition with some willows growing in bottom of same. Balcron plans to utilize this same pit.

Dennis L. Ingram
OGM Representative

11/8/95 at 2:30 P.M.
Date and Time

STATEMENTS OF BASIS
OGM Review of Application for Permit to Drill (APD)

Company: EQUITABLE RESOURCES Well Name: MONUMENT STATE 22-16-9-17B

ENGINEERING/LOCATING and SITING:

The proposed location meets the location and siting requirements of R649-3-2. The application and proposed casing and drilling plan appear to be consistent with accepted industry standards of practice and sound engineering design. A casing design safety check is attached. Blow out prevention and monitoring/contingency plans are adequate.

Signature: F. R. Matthews Date: 12/19/95

GEOLOGY/GROUND WATER:

The proposed casing and cement program will adequately protect any water encountered.

Signature: D. Jarvis Date: 12/19/95

SURFACE:

The pre-site investigation of the surface has been performed by field personnel. All applicable surface management agencies and land owners have been notified and their concerns accommodated where reasonable and possible.

Signature: Denis L. Ingram Date: 12/12/95

STIPULATIONS for APD Approval:

- ✓ 1. A pit liner of 12 Mils thickness minimum shall be required.
- ✓ 2. No other access roads are developed without approval by State Lands.
- ✓ 3. Any changes be approved by DOGM.
- 4.

ATTACHMENTS:

- 1. Photographs of well site in predrill status.

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

Site-Specific Factors	Ranking Score	Final Ranking Score
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	5
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	10

Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15 20	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

Final Score	20 points
--------------------	------------------

The summation of all of the above ranking scores will yield one value which shall be used to determine the appropriate type of containment, on a case-by-case basis. The sensitivity levels are as follows:

Level I Sensitivity: For scores totaling ≥ 20
Level II Sensitivity: For scores totaling 15 to 19
Level III Sensitivity: For scores totaling < 15

Containment Requirements According to Sensitivity Level

Level I: Requires total containment by synthetic liner, concrete structure or other type of total containment structure or material.

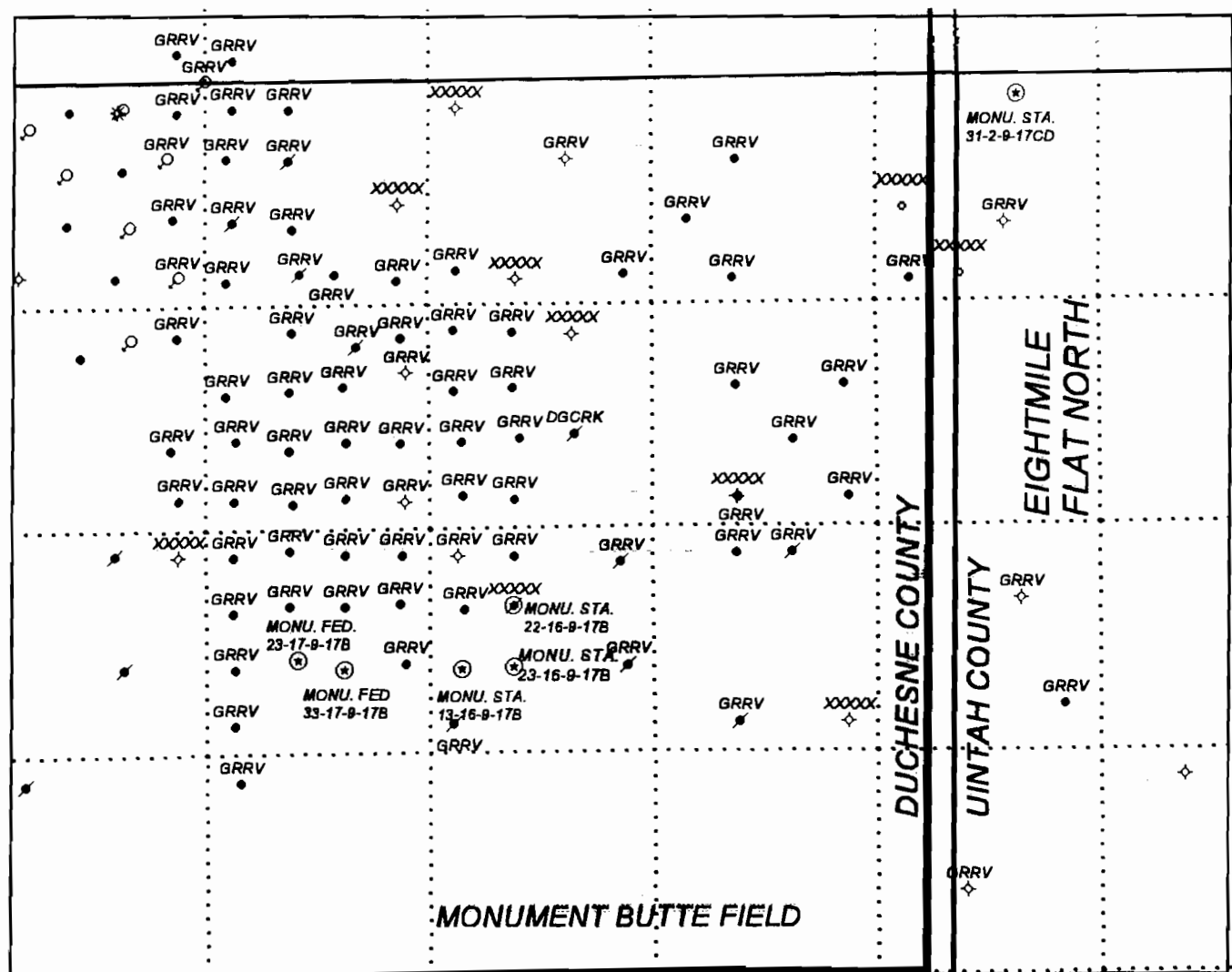
Level II: Bentonite or other compatible lining is discretionary depending on the fluid to be contained and environmental sensitivity.

Level III: No specific lining requirements.

OTHER GUIDELINES FOR PITS

1. Unlined pits shall not be constructed on areas of fill materials.
2. A pit shall not be constructed in a drainages or floodplain of flowing or intermittent streams.
3. Synthetic liners used for lining reserve pits, shall be of 12 mil thickness or greater and shall be compatible with the fluid to be contained. Synthetic liners used for lining onsite pits with a longer expected life shall be a minimum of 30 mil thickness or as approved by the Division.
4. Synthetic liners shall be installed over smooth fill material which is free of pockets, loose rocks or other materials which could damage the liner.
5. Monitoring systems for pits or closed mud systems may be required for drilling in sensitive areas.

Field: MONUMENT BUTTE & EIGHT MILE FLAT NORTH
Formation: GREEN RIVER
County: DUCHESNE & UINTAH
Field No.: 105 & 570
State Spacing: R649-3-2 & R649-3-3



STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES CO	Well Name: MON STATE 22-16-9-17B
Project ID: 43-013-31579	Location: SEC. 16 - T09S - R17E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2221 psi
 Internal gradient (burst) : 0.066 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,600	5.500	15.50	K-55	ST&C	5,600	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Yield Strgth S.F. (psi)	Tension Load Strgth S.F. (kips) (kips)			
1	2589	4040	1.560	2589	4810	1.86	86.80	222	2.56 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 12-19-1995
 Remarks :

Minimum segment length for the 5,600 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 115°F (Surface 74°F , BHT 152°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,589 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

JAN 10 2012

Ref: 8P-W-GW

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

JAN 19 2012

DIV. OF OIL, GAS & MINING

RE: Underground Injection Control (UIC)
Additional Well to Beluga Area Permit
EPA UIC Permit UT20798-09337
Well: Beluga 15-7-9-17
SWSE Sec. 7 T9S-R17E
Duchesne County, Utah
API No.: 43-013-31579

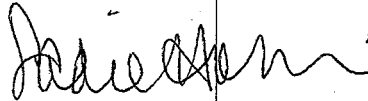
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Beluga 15-7-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Beluga Area Permit No. UT20798-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Emmett Schmitz at the letterhead address citing mail code 8P-W-GW.

Sincerely,



Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore conversion schematic for Beluga 15-7-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20798-00000

The Beluga Final UIC Area Permit UT20798-00000, effective October 25, 1996, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On October 4, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Beluga 15-7-9-17
EPA Permit ID Number:	UT20798-09337
Location:	820' FSL & 1735' FEL SWSE Sec. 7 T9S-R17E Duchesne County, Utah API #43-013-31579

Pursuant to 40 CFR §144.33, Area UIC Permit UT20798-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20798-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date:

1/5/12

Callie A. Videtich

*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20798-00000
Well: Beluga 15-7-9-17 EPA Well ID: UT20798-09337

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Beluga 15-7-9-17
EPA Well ID Number: UT20798-09337

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,615 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.85 psi/ft, SG is 1.015 and D is 4,061 ft.

UIC Area Permit No. UT20798-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the

presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, a radioactive tracer survey is required.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.
- (4) Isolate Surface Fluid Migration Paths:
 - a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
 - b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
 - c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Beluga 15-7-9-17
EPA Well ID Number: UT20798-09337

Underground Sources of Drinking Water (USDWs): USDWs in the Beluga Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 380 ft. below ground surface in the Beluga 15-7-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20798-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. However, the Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone. Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 325 ft. in a 12-1/4" hole, using 150 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,613 ft. in a 7-7/8" hole secured with 515 sacks of cement. Total driller depth is 5,650 ft. Plugged back total depth is 5,507 ft. EPA calculates top of cement at 2,231. Estimated CBL top of cement is surface.

Perforations: Top perforation: 4,061 ft. Bottom perforation: 5,060 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following six wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Beluga 15-7-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Mocon Federal 44-7-9-17 UIC Permit UT20798-04304.	API: 43-013-30666	SESE Sec. 7-T9S-R17E
Beluga 14-7-9-17 UIC Permit UT20798-04545	API: 43-013-32049	SESW Sec. 7-T9S-R17E
Beluga 10-7-9-17 UIC Permit UT20798-06372.	API: 43-013-32048 RTS reviewed and approved 12/14/09.	NWSE Sec. 7-T9S-R17E
Beluga 11-7-9-17	API: 43-013-32284	NESW Sec. 7-T9S-R17E
GMBU W-7-9-17	API: 43-013-50513	SHL: NENW Sec. 18-T9S-R17E BHL: SWSE Sec. 7-T9S-R17E
Monument Federal 43-7-9-17	API: 43013-31432	NESE Sec. 7-T9S-R17E

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- 2) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) **(Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.**

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: BELUGA 15-7-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0820 FSL 1735 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315790000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/14/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 03/05/2012. On 03/08/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09337		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/15/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 14 / 2012
Test conducted by: Cody Marx
Others present: _____

Well Name: <u>Beluga Federal 15-7-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>15</u> Sec: <u>7</u> T <u>9</u> N/S R <u>170</u> E/W County: <u>Duchesne</u> State: <u>Ut.</u>		
Operator: <u>Cody Marx</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: N/A bpd

Pre-test casing/tubing annulus pressure: 1460 psig

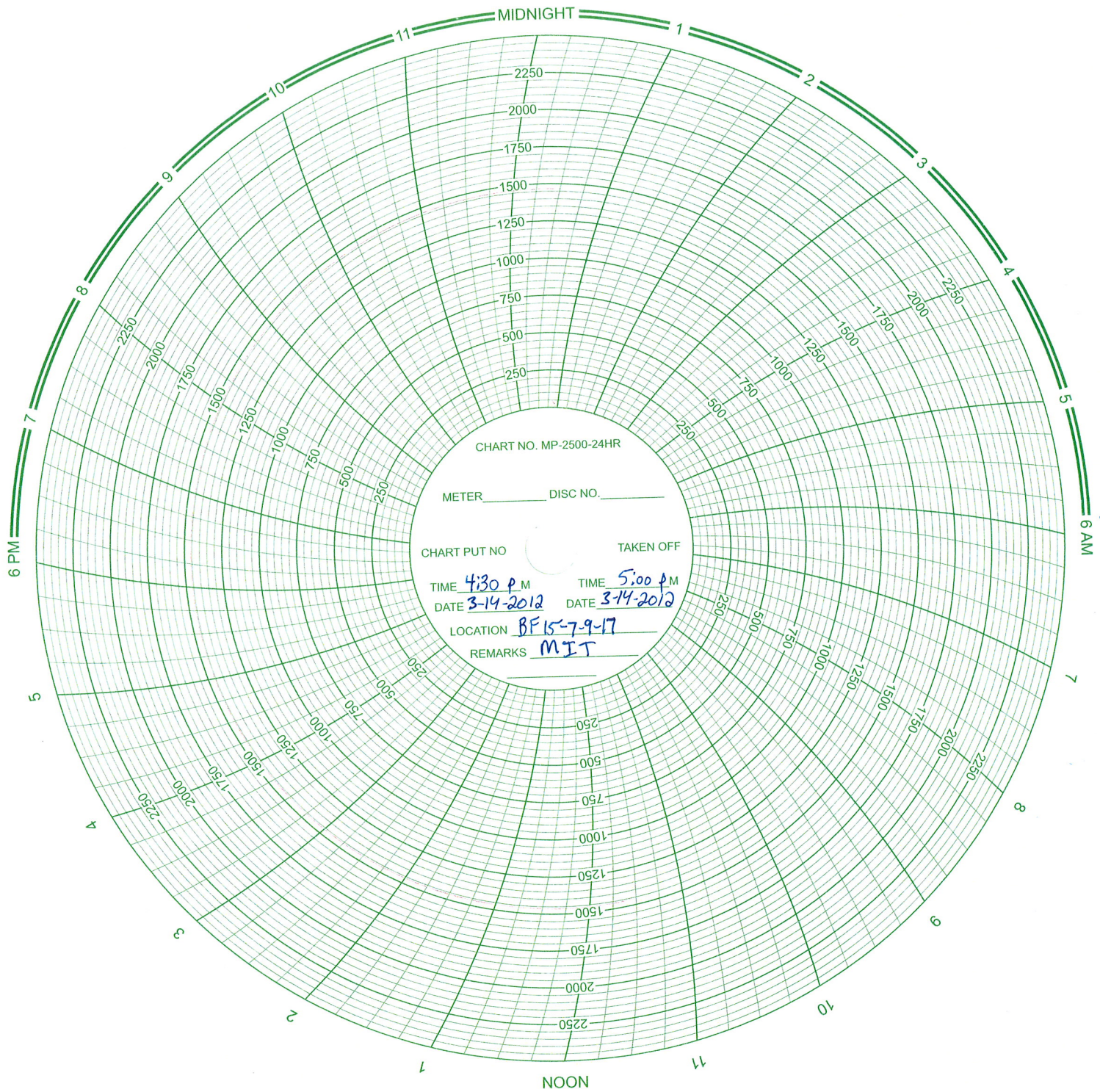
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1460</u> psig	psig	psig
5 minutes	<u>1460</u> psig	psig	psig
10 minutes	<u>1460</u> psig	psig	psig
15 minutes	<u>1460</u> psig	psig	psig
20 minutes	<u>1460</u> psig	psig	psig
25 minutes	<u>1460</u> psig	psig	psig
30 minutes	<u>1460</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report

Format For Sundry
BELUGA 15-7-9-17
1/1/2012 To 5/30/2012

1/11/2012 Day: 1

Host Well Gyro

WWS #1 on 1/11/2012 - MIRU WWS #7. TOH w/ rods. Ran gyro, TIH w/ rods. Hang off well. - (1-11-12) MIRU WWS #7. Hot oiler pumped 60 down csg. Unseat rod pump. Flush rods w/ 40 BW. Reseat, Fill tbg w/ 10 BW. Pressure test to 3000 psi. Unseat rod pump. TOH w/ rods. Flush tbg w/ 40 BW. RU V.E.S WL truck. Ran gyro. (1-12-12) PU & RIH w/ old rod pump & RIH w/ rods same as pulled. Hang head. Space out rods. Fill tbg w/ 20 BW. Rod pump would not pump up. Left unit down for 20 acre host well. (All cost should be billed out to GMB S-7-9-17 pre-location AFE # 25862. 880-157. WWS #7 \$4095, Advantage hot oil \$1386, V.E.S gyro \$3300, Benco \$600, NDSI wtr \$600,) - (1-11-12) MIRU WWS #7. Hot oiler pumped 60 down csg. Unseat rod pump. Flush rods w/ 40 BW. Reseat, Fill tbg w/ 10 BW. Pressure test to 3000 psi. Unseat rod pump. TOH w/ rods. Flush tbg w/ 40 BW. RU V.E.S WL truck. Ran gyro. (1-12-12) PU & RIH w/ old rod pump & RIH w/ rods same as pulled. Hang head. Space out rods. Fill tbg w/ 20 BW. Rod pump would not pump up. Left unit down for 20 acre host well. (All cost should be billed out to GMB S-7-9-17 pre-location AFE # 25862. 880-157. WWS #7 \$4095, Advantage hot oil \$1386, V.E.S gyro \$3300, Benco \$600, NDSI wtr \$600,) - (1-11-12) MIRU WWS #7. Hot oiler pumped 60 down csg. Unseat rod pump. Flush rods w/ 40 BW. Reseat, Fill tbg w/ 10 BW. Pressure test to 3000 psi. Unseat rod pump. TOH w/ rods. Flush tbg w/ 40 BW. RU V.E.S WL truck. Ran gyro. (1-12-12) PU & RIH w/ old rod pump & RIH w/ rods same as pulled. Hang head. Space out rods. Fill tbg w/ 20 BW. Rod pump would not pump up. Left unit down for 20 acre host well. (All cost should be billed out to GMB S-7-9-17 pre-location AFE # 25862. 880-157. WWS #7 \$4095, Advantage hot oil \$1386, V.E.S gyro \$3300, Benco \$600, NDSI wtr \$600,) - (1-11-12) MIRU WWS #7. Hot oiler pumped 60 down csg. Unseat rod pump. Flush rods w/ 40 BW. Reseat, Fill tbg w/ 10 BW. Pressure test to 3000 psi. Unseat rod pump. TOH w/ rods. Flush tbg w/ 40 BW. RU V.E.S WL truck. Ran gyro. (1-12-12) PU & RIH w/ old rod pump & RIH w/ rods same as pulled. Hang head. Space out rods. Fill tbg w/ 20 BW. Rod pump would not pump up. Left unit down for 20 acre host well. (All cost should be billed out to GMB S-7-9-17 pre-location AFE # 25862. 880-157. WWS #7 \$4095, Advantage hot oil \$1386, V.E.S gyro \$3300, Benco \$600, NDSI wtr \$600,) - (1-11-12) MIRU WWS #7. Hot oiler pumped 60 down csg. Unseat rod pump. Flush rods w/ 40 BW. Reseat, Fill tbg w/ 10 BW. Pressure test to 3000 psi. Unseat rod pump. TOH w/ rods. Flush tbg w/ 40 BW. RU V.E.S WL truck. Ran gyro. (1-12-12) PU & RIH w/ old rod pump & RIH w/ rods same as pulled. Hang head. Space out rods. Fill tbg w/ 20 BW. Rod pump would not pump up. Left unit down for 20 acre host well. (All cost should be billed out to GMB S-7-9-17 pre-location AFE # 25862. 880-157. WWS #7 \$4095, Advantage hot oil \$1386, V.E.S gyro \$3300, Benco \$600, NDSI wtr \$600,) **Finalized**

Daily Cost: \$0

Cumulative Cost: \$300

3/2/2012 Day: 1

Conversion

WWS #7 on 3/2/2012 - MIRU, test csg, POOH w/rods - MIRU, pump 60bw dwn csg, wait 1 hr to bleed off tbg, unseat pump, LD 1 1/2"x36' polish rod, 2"x3/4" pony, flush rods w/60bw, seat pump, psi test tbg to 3000# w/15bw-good test-LD 96-4 per 3/4", flush 1 more time w/30bw SWIFN - MIRU, pump 60bw dwn csg, wait 1 hr to bleed off tbg, unseat pump, LD 1 1/2"x36' polish rod, 2"x3/4" pony, flush rods w/60bw, seat pump, psi test tbg to 3000# w/15bw-good test-LD 96-4 per 3/4", flush 1 more time w/30bw SWIFN - MIRU, pump 60bw dwn csg, wait 1 hr to bleed off tbg, unseat pump, LD 1 1/2"x36' polish rod, 2"x3/4" pony, flush rods w/60bw, seat pump, psi test tbg to 3000# w/15bw-good test-LD 96-4 per 3/4",

flush 1 more time w/30bw SWIFN - MIRU, pump 60bw dwn csg, wait 1 hr to bleed off tbg, unseat pump, LD 1 1/2"x36' polish rod, 2"x3/4" pony, flush rods w/60bw, seat pump, psi test tbg to 3000# w/15bw-good test-LD 96-4 per 3/4", flush 1 more time w/30bw SWIFN - MIRU, pump 60bw dwn csg, wait 1 hr to bleed off tbg, unseat pump, LD 1 1/2"x36' polish rod, 2"x3/4" pony, flush rods w/60bw, seat pump, psi test tbg to 3000# w/15bw-good test-LD 96-4 per 3/4", flush 1 more time w/30bw SWIFN **Finalized**

Daily Cost: \$0

Cumulative Cost: \$4,805

3/8/2012 Day: 2

Conversion

WWS #7 on 3/8/2012 - TOO H w/rods & tbg - flush rods w/30bw, LD remaining rods & pump, flushed 1 more time w/30bw, x-over to tbg eq., ND WH, release TAC, NU BOPs. TOO H tallying tbg, breaking & green doping every connection w/128 jts 2 7/8" J-55 tbg, LD 43 jts, TAC, 2 jts, SN, 1 jt, NC, flushed 2 times w/90bw, attempt to MU 5 1/2" AS-1X pkr, no luck, the threads 1/2 way in on the box end of pkr are bad. SWIFN wait for new pkr - flush rods w/30bw, LD remaining rods & pump, flushed 1 more time w/30bw, x-over to tbg eq., ND WH, release TAC, NU BOPs. TOO H tallying tbg, breaking & green doping every connection w/128 jts 2 7/8" J-55 tbg, LD 43 jts, TAC, 2 jts, SN, 1 jt, NC, flushed 2 times w/90bw, attempt to MU 5 1/2" AS-1X pkr, no luck, the threads 1/2 way in on the box end of pkr are bad. SWIFN wait for new pkr - TIH w/new AS-1X pkr, SN, 128 jts 2 7/8" J-55 tbg, pump 10bw, drop SV, psi test tbg to 3000# w/17bw, hold for 30 min-good test. Ret SV w/sandline, mix 20 gal pkr fluid w/60bbls fresh wtr, circ 60 bbls pkr fluid dwn csg, NU BOP, set pkr @ 4005', for 14000# tension, SN @ 4001', EOT @ 4009'. NU new injection tree assembly, psi test csg to 1500#, hold for 30 min-good test. RDMO - TIH w/new AS-1X pkr, SN, 128 jts 2 7/8" J-55 tbg, pump 10bw, drop SV, psi test tbg to 3000# w/17bw, hold for 30 min-good test. Ret SV w/sandline, mix 20 gal pkr fluid w/60bbls fresh wtr, circ 60 bbls pkr fluid dwn csg, NU BOP, set pkr @ 4005', for 14000# tension, SN @ 4001', EOT @ 4009'. NU new injection tree assembly, psi test csg to 1500#, hold for 30 min-good test. RDMO - flush rods w/30bw, LD remaining rods & pump, flushed 1 more time w/30bw, x-over to tbg eq., ND WH, release TAC, NU BOPs. TOO H tallying tbg, breaking & green doping every connection w/128 jts 2 7/8" J-55 tbg, LD 43 jts, TAC, 2 jts, SN, 1 jt, NC, flushed 2 times w/90bw, attempt to MU 5 1/2" AS-1X pkr, no luck, the threads 1/2 way in on the box end of pkr are bad. SWIFN wait for new pkr - flush rods w/30bw, LD remaining rods & pump, flushed 1 more time w/30bw, x-over to tbg eq., ND WH, release TAC, NU BOPs. TOO H tallying tbg, breaking & green doping every connection w/128 jts 2 7/8" J-55 tbg, LD 43 jts, TAC, 2 jts, SN, 1 jt, NC, flushed 2 times w/90bw, attempt to MU 5 1/2" AS-1X pkr, no luck, the threads 1/2 way in on the box end of pkr are bad. SWIFN wait for new pkr - TIH w/new AS-1X pkr, SN, 128 jts 2 7/8" J-55 tbg, pump 10bw, drop SV, psi test tbg to 3000# w/17bw, hold for 30 min-good test. Ret SV w/sandline, mix 20 gal pkr fluid w/60bbls fresh wtr, circ 60 bbls pkr fluid dwn csg, NU BOP, set pkr @ 4005', for 14000# tension, SN @ 4001', EOT @ 4009'. NU new injection tree assembly, psi test csg to 1500#, hold for 30 min-good test. RDMO - TIH w/new AS-1X pkr, SN, 128 jts 2 7/8" J-55 tbg, pump 10bw, drop SV, psi test tbg to 3000# w/17bw, hold for 30 min-good test. Ret SV w/sandline, mix 20 gal pkr fluid w/60bbls fresh wtr, circ 60 bbls pkr fluid dwn csg, NU BOP, set pkr @ 4005', for 14000# tension, SN @ 4001', EOT @ 4009'. NU new injection tree assembly, psi test csg to 1500#, hold for 30 min-good test. RDMO - flush rods w/30bw, LD remaining rods & pump, flushed 1 more time w/30bw, x-over to tbg eq., ND WH, release TAC, NU BOPs. TOO H tallying tbg, breaking & green doping every connection w/128 jts 2 7/8" J-55 tbg, LD 43 jts, TAC, 2 jts, SN, 1 jt, NC, flushed 2 times w/90bw, attempt to MU 5 1/2" AS-1X pkr, no luck, the threads 1/2 way in on the box end of pkr are bad. SWIFN wait for new pkr - flush rods w/30bw, LD remaining rods & pump, flushed 1 more time w/30bw, x-over to tbg eq., ND WH, release TAC, NU BOPs. TOO H tallying tbg, breaking & green doping every connection w/128 jts 2 7/8" J-55 tbg, LD 43 jts, TAC, 2 jts, SN, 1 jt, NC, flushed 2 times w/90bw, attempt to MU 5 1/2" AS-1X pkr, no luck, the threads 1/2 way in on the box end of pkr are bad. SWIFN wait for new pkr - TIH w/new AS-1X pkr, SN, 128 jts 2 7/8" J-55 tbg, pump 10bw, drop SV, psi

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Daily Cost: \$0

Cumulative Cost: \$11,398

3/14/2012 Day: 4

Conversion

Rigless on 3/14/2012 - Conduct initial MIT - On 03/08/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09337 - On 03/08/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0

psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09337 - On 03/08/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09337 - On 03/08/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09337 - On 03/08/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09337 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$104,936

Pertinent Files: [Go to File List](#)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

APR 11 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

APR 18 2012

DIV. OF OIL, GAS & MINING

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20798-09337
Well: Beluga 15-7-9-17
SWSE Sec. 7-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31579

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) March 14, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20798-09337.

As of the date of this letter, Newfield is authorized to commence injection into the Beluga 15-7-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,615 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20798-09337. If Newfield seeks a higher MAIP than 1,615 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20798-09337.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-UIC.

Sincerely,



for Callie Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Richard Jenks Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: BELUGA 15-7-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0820 FSL 1735 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315790000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/1/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 1:00 PM on 06/01/2012. EPA # UT20798-09337</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 07, 2012</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/4/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: BELUGA 15-7-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0820 FSL 1735 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315790000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/10/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Step Rate Test"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>A step rate test was conducted on the subject well on September 10, 2012. Results from the test indicate that the fracture gradient is 0.859 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1615 psi to 1700 psi. EPA UIC: #UT20798-09337</p> </div> <div style="width: 30%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>September 27, 2012</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/21/2012	

Step Rate Test (SRT) AnalysisDate: 09/11/2012

Operator:

Newfield Production Company

Well:

Beluga 15-7-9-17

Permit #:

UT20798-09337**Enter the following data :**

Specific Gravity (sg) of injectate = 1.015 g/cc

Depth to top perforation (D) = 4061 feet 4061

Top of permitted injection zone depth (blank=use top perforation to calculate fg) = feet

Estimated Formation Parting Pressure (Pfp) from SRT chart = 1705 psi

Instantaneous Shut In Pressure (ISIP) from SRT = 1724 psi 1705

Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = psi no downhole

Part One - Calculation of Fracture Gradient (fg)Calculated Fracture Gradient = 0.859 psi/ft.where: $fg = Pbhp / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1724

D = depth used = 4061

Pbhp used = 3490

Calculated Bottom Hole Parting Pressure (Pbhp) = 3490 psi 3489.789

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1705

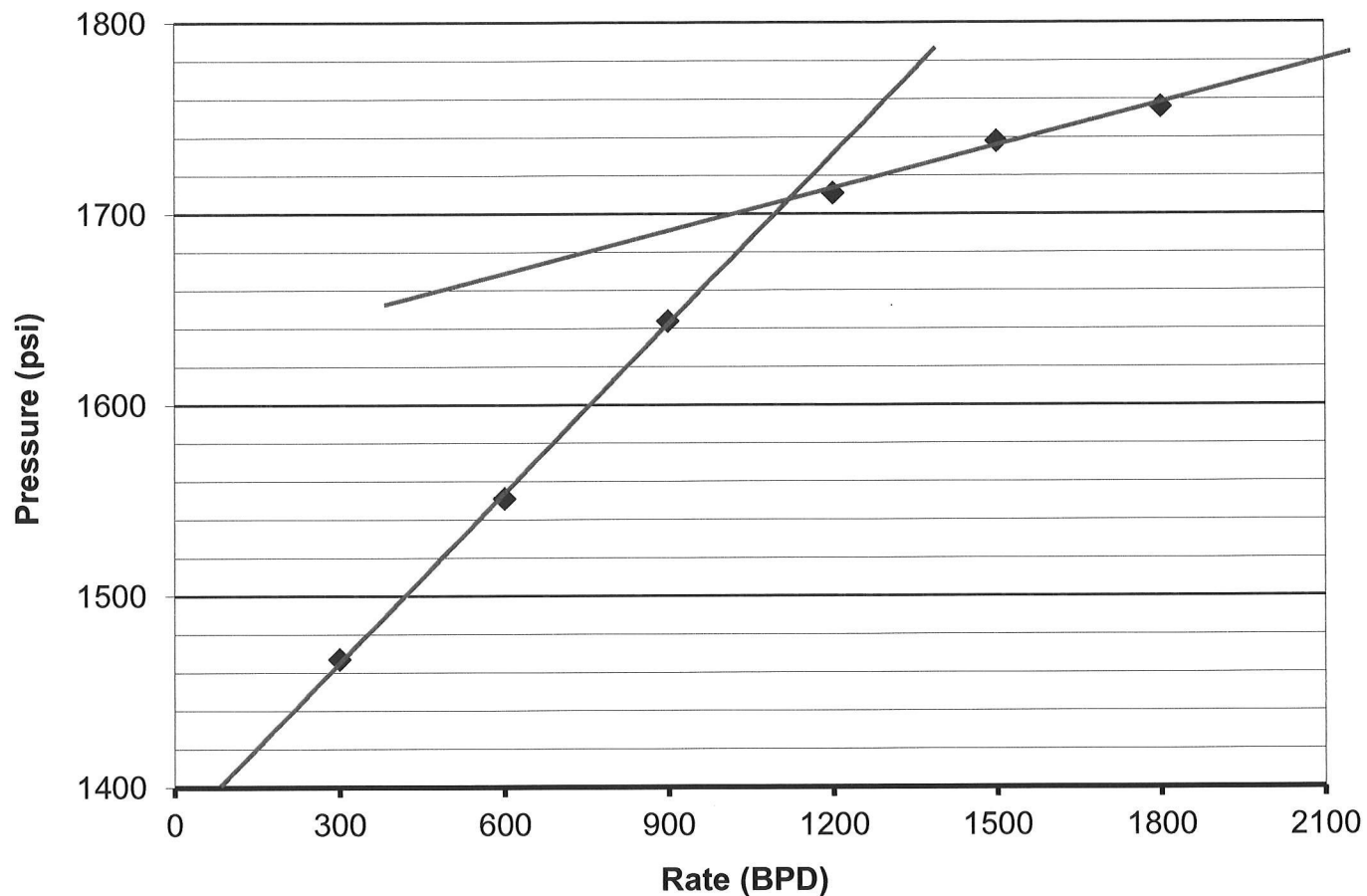
Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)Maximum Allowable Injection Pressure (MAIP) = 1700 psi

D = depth used = 4061

MAIP = $[fg - (0.433 * SG)] * D = 1703.610$

(rounded down to nearest 5 psi)

**Beluga 15-7-9-17
Greater Monument Butte Unit
Step Rate Test
September 10, 2012**



Start Pressure: 1417 psi
Instantaneous Shut In Pressure (ISIP): 1724 psi
Top Perforation: 4061 feet
Fracture pressure (Pfp): 1705 psi
FG: 0.859 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	300	1467
2	600	1551
3	900	1644
4	1200	1702
5	1500	1738
6	1800	1756

Beluga 15-7-9-17 Rate Sheet (9-10-12)

Step # 1	Time:	5:05	5:10	5:15	5:20	5:25	5:30
	Rate:	300.5	300.5	300.5	300.5	300.5	300.4
	Time:	5:35	5:40	5:45	5:50	5:55	6:00
	Rate:	300.4	300.4	300.3	300.3	300.3	300.3
Step # 2	Time:	6:05	6:10	6:15	6:20	6:25	6:30
	Rate:	600.8	600.8	600.7	600.7	600.7	600.7
	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	600.6	600.6	600.6	600.6	600.5	600.5
Step # 3	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	900.7	900.7	900.7	900.6	900.6	600.6
	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	900.5	900.5	900.4	900.4	900.4	900.4
Step # 4	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	1200.5	1200.4	1200.4	1200.4	1200.3	1200.3
	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	1200.3	1200.2	1200.2	1200.1	1200.1	1200.1
Step # 5	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	1500.6	1500.6	1500.5	1500.5	1500.4	1500.4
	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	1500.4	1500.4	1500.3	1500.3	1500.3	1500.2
Step # 6	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	1800.4	1800.4	1800.4	1800.4	1800.3	1800.3
	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	1800.3	1800.3	1800.2	1800.2	1800.2	1800.2

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 09/11/2012 16:04:26
 File Name: S:\Welinfo\PTC@ Instruments 2.00\Beluga 15-7-9-17 SRT (9-10-2012).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Sep 10, 2012 04:30:01 AM MDT
 Data End Date: Sep 10, 2012 11:00:01 AM MDT
 Reading: 1 to 79 of 79
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

Beluga 15-7-9-17 SRT (9-10-2012)

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
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1	Sep 10, 2012 04:30:01 AM	1417.2
2	Sep 10, 2012 04:35:01 AM	1416.6
3	Sep 10, 2012 04:40:01 AM	1417
4	Sep 10, 2012 04:45:01 AM	1416.6
5	Sep 10, 2012 04:50:01 AM	1416.6
6	Sep 10, 2012 04:55:01 AM	1416.6
7	Sep 10, 2012 05:00:01 AM	1416.6
8	Sep 10, 2012 05:05:01 AM	1443.6
9	Sep 10, 2012 05:10:01 AM	1449.6
10	Sep 10, 2012 05:15:01 AM	1453.2
11	Sep 10, 2012 05:20:01 AM	1455.8
12	Sep 10, 2012 05:25:01 AM	1456.2
13	Sep 10, 2012 05:30:01 AM	1457
14	Sep 10, 2012 05:35:01 AM	1458.6
15	Sep 10, 2012 05:40:01 AM	1460.2
16	Sep 10, 2012 05:45:01 AM	1462
17	Sep 10, 2012 05:50:01 AM	1463
18	Sep 10, 2012 05:55:01 AM	1465
19	Sep 10, 2012 06:00:01 AM	1467.2
20	Sep 10, 2012 06:05:01 AM	1492.8
21	Sep 10, 2012 06:10:01 AM	1506.4
22	Sep 10, 2012 06:15:01 AM	1511.4
23	Sep 10, 2012 06:20:01 AM	1520.8
24	Sep 10, 2012 06:25:01 AM	1523.6
25	Sep 10, 2012 06:30:01 AM	1528.2
26	Sep 10, 2012 06:35:01 AM	1535.4
27	Sep 10, 2012 06:40:01 AM	1538.4
28	Sep 10, 2012 06:45:01 AM	1542.4
29	Sep 10, 2012 06:50:01 AM	1547.2
30	Sep 10, 2012 06:55:01 AM	1552
31	Sep 10, 2012 07:00:01 AM	1551.2
32	Sep 10, 2012 07:05:01 AM	1578.2
33	Sep 10, 2012 07:10:01 AM	1596.6
34	Sep 10, 2012 07:15:01 AM	1604
35	Sep 10, 2012 07:20:01 AM	1607.4
36	Sep 10, 2012 07:25:01 AM	1611.8
37	Sep 10, 2012 07:30:01 AM	1619.2
38	Sep 10, 2012 07:35:01 AM	1628.4

Sundry Number: 30113 API Well Number: 43013315790000**Beluga 15-7-9-17 SRT (9-10-2012)**

Unit Type Reading	(All Units) DateTime (MDT)	Channel 2 PSIA
39	Sep 10, 2012 07:40:01 AM	1629.6
40	Sep 10, 2012 07:45:01 AM	1633.2
41	Sep 10, 2012 07:50:01 AM	1635.8
42	Sep 10, 2012 07:55:01 AM	1643.2
43	Sep 10, 2012 08:00:01 AM	1644.4
44	Sep 10, 2012 08:05:01 AM	1662.2
45	Sep 10, 2012 08:10:01 AM	1672
46	Sep 10, 2012 08:15:01 AM	1682.2
47	Sep 10, 2012 08:20:01 AM	1683.6
48	Sep 10, 2012 08:25:01 AM	1687.6
49	Sep 10, 2012 08:30:01 AM	1691
50	Sep 10, 2012 08:35:01 AM	1696.6
51	Sep 10, 2012 08:40:01 AM	1700.6
52	Sep 10, 2012 08:45:01 AM	1699.2
53	Sep 10, 2012 08:50:01 AM	1702.6
54	Sep 10, 2012 08:55:01 AM	1707.2
55	Sep 10, 2012 09:00:01 AM	1710.6
56	Sep 10, 2012 09:05:01 AM	1720
57	Sep 10, 2012 09:10:01 AM	1724
58	Sep 10, 2012 09:15:01 AM	1727
59	Sep 10, 2012 09:20:01 AM	1728.6
60	Sep 10, 2012 09:25:01 AM	1733.6
61	Sep 10, 2012 09:30:01 AM	1735.6
62	Sep 10, 2012 09:35:01 AM	1733
63	Sep 10, 2012 09:40:01 AM	1734
64	Sep 10, 2012 09:45:01 AM	1738.6
65	Sep 10, 2012 09:50:01 AM	1739.2
66	Sep 10, 2012 09:55:01 AM	1739.8
67	Sep 10, 2012 10:00:01 AM	1738.2
68	Sep 10, 2012 10:05:01 AM	1749
69	Sep 10, 2012 10:10:01 AM	1750.2
70	Sep 10, 2012 10:15:01 AM	1750.2
71	Sep 10, 2012 10:20:01 AM	1753.6
72	Sep 10, 2012 10:25:01 AM	1754.8
73	Sep 10, 2012 10:30:01 AM	1756.8
74	Sep 10, 2012 10:35:01 AM	1757.6
75	Sep 10, 2012 10:40:01 AM	1758.2
76	Sep 10, 2012 10:45:01 AM	1758.4
77	Sep 10, 2012 10:50:01 AM	1761.4
78	Sep 10, 2012 10:55:01 AM	1755.8
79	Sep 10, 2012 11:00:01 AM	1756.2

End of Report

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 09/11/2012 16:04:43
 File Name: S:\Welinfo\PTC® Instruments 2.00\Beluga 15-7-9-17 ISIP (9-10-2012).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Sep 10, 2012 11:00:16 AM MDT
 Data End Date: Sep 10, 2012 11:30:16 AM MDT
 Reading: 1 to 31 of 31
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

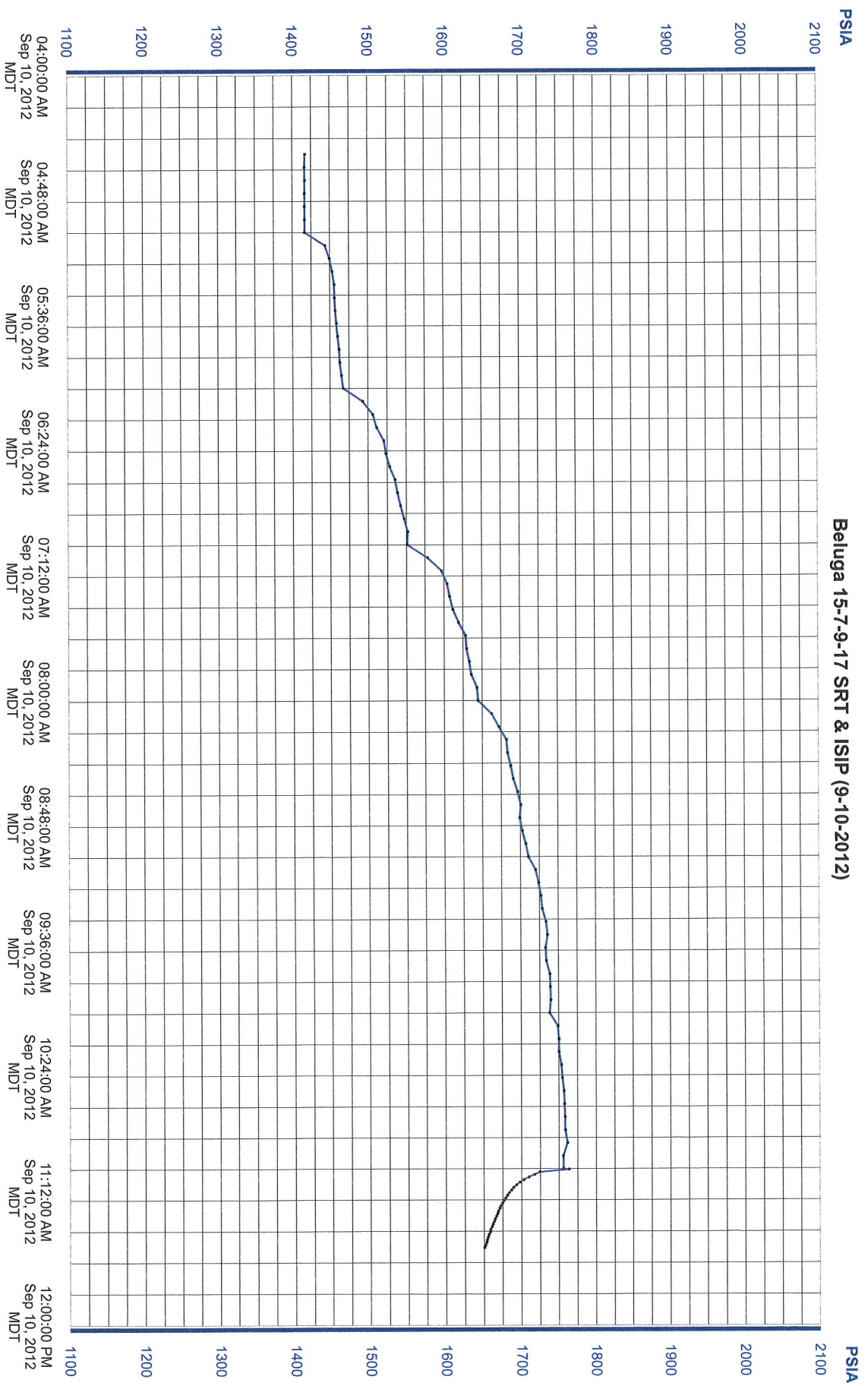
Beluga 15-7-9-17 ISIP (9-10-2012)

Unit Type (All Units)

Reading **DateTime (MDT)** **Channel 2**
PSIA

1	Sep 10, 2012 11:00:16 AM	1763.4
2	Sep 10, 2012 11:01:16 AM	1724.2
3	Sep 10, 2012 11:02:15 AM	1717
4	Sep 10, 2012 11:03:15 AM	1709.6
5	Sep 10, 2012 11:04:16 AM	1703
6	Sep 10, 2012 11:05:15 AM	1697.8
7	Sep 10, 2012 11:06:15 AM	1693
8	Sep 10, 2012 11:07:16 AM	1689.4
9	Sep 10, 2012 11:08:16 AM	1686.4
10	Sep 10, 2012 11:09:15 AM	1683.6
11	Sep 10, 2012 11:10:16 AM	1681.2
12	Sep 10, 2012 11:11:16 AM	1678.8
13	Sep 10, 2012 11:12:15 AM	1676.6
14	Sep 10, 2012 11:13:16 AM	1674.6
15	Sep 10, 2012 11:14:16 AM	1672.2
16	Sep 10, 2012 11:15:15 AM	1671
17	Sep 10, 2012 11:16:16 AM	1669
18	Sep 10, 2012 11:17:16 AM	1667.8
19	Sep 10, 2012 11:18:15 AM	1666.4
20	Sep 10, 2012 11:19:15 AM	1664.6
21	Sep 10, 2012 11:20:16 AM	1663.4
22	Sep 10, 2012 11:21:15 AM	1661.8
23	Sep 10, 2012 11:22:17 AM	1660.6
24	Sep 10, 2012 11:23:18 AM	1658.6
25	Sep 10, 2012 11:24:16 AM	1658.2
26	Sep 10, 2012 11:25:15 AM	1656.4
27	Sep 10, 2012 11:26:16 AM	1655.2
28	Sep 10, 2012 11:27:16 AM	1654.2
29	Sep 10, 2012 11:28:15 AM	1653.4
30	Sep 10, 2012 11:29:18 AM	1651.8
31	Sep 10, 2012 11:30:16 AM	1650.6

End of Report



Spud Date: 5-18-98
 Put on Production: 6-27-98
 GL: 5381' KB: 5391'

Beluga 15-7-9-17

Injection Wellbore Diagram

SURFACE CASING

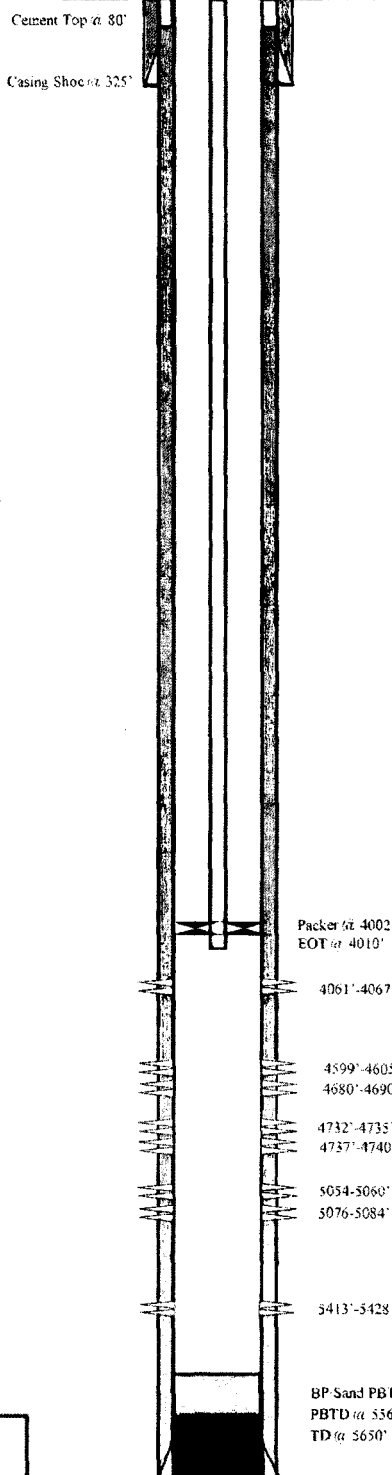
CSG SIZE: 8-5 8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (314.82')
 DEPTH LANDED: 324.57'
 HOLE SIZE: 12-1 4"
 CEMENT DATA: 150 sxs Premium cement; est 6 bbl cement to surface

PRODUCTION CASING

CSG SIZE: 5-1 2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5604')
 DEPTH LANDED: 5613'
 HOLE SIZE: 7-7 8"
 CEMENT DATA: 240 sxs 28.72 Poz Type III & 275 sxs Class "G"
 CEMENT TOP AT: surface (est 8 bbls return to surface)

TUBING RECORD

SIZE GRADE WT.: 2-7 8" J-55 6.5#
 NO. OF JOINTS: 128 jts (3991.4')
 SEATING NIPPLE: 2 - 7 8" (1.10')
 SN LANDED AT: 4001.4'
 PACKER @ 4002'
 TOTAL STRING LENGTH: EOT @ 4010'



FRAC JOB

6-13-98 5413'-5428' Frac CP sand as follows:
 110,105# 20-40 sand in 564 bbls
 Viking. Perfs broke @ 3818 psi.
 Treated w avg press of 1625 psi
 w avg rate of 23 BPM. ISIP-2250
 psi. 5 min 1800 psi. Flowback on
 12.64" ck for 4-1 2 hrs & died.

6-16-98 5054'-5084' Frac A sand as follows:
 56,066# 20-40 sand in 335 bbls
 Viking. Perfs broke @ 3520 psi
 Screened Out.

6-18-98 4599'-4740' Frac D/C sand as follows:
 121,670# 20-40 sand in 565 bbls
 Viking. Perfs broke @ 2975 psi.
 Treated w avg press of 2200 psi
 w avg rate of 30 BPM. ISIP-2470
 psi. 5 min 2340 psi. Flowback on
 12.64" ck for 4 hrs & died.

6-20-98 4061'-4067' Frac CB sand as follows:
 115,380# 20-40 sand in 541 bbls
 Viking. Perfs broke @ 2620 psi.
 Treated w avg press of 1700 psi
 w avg rate of 26 BPM. ISIP-1800
 psi. 5 min 1640 psi. Flowback on
 12.64" ck for 3-1 2 hrs & died.

8 02 01

Pump change: update rod and tubing details.

9 17 01

Pump change: update rod and tubing details.

2 6 09

Pump Change. Updated r & t details.

03 25 11

Tubing Leak. Rod & tubing updated.

10 12 11

Parted Rods. Rods & tubing updated.

03 05 12

Convert to Injection Well

03 14 12

Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

6-12-98	5413'-5428'	4 SPF	60 holes
6-14-98	5054'-5060'	4 SPF	24 holes
6-14-98	5076'-5084'	4 SPF	32 holes
6-17-98	4599'-4605'	4 SPF	24 holes
6-17-98	4680'-4690'	4 SPF	40 holes
6-17-98	4732'-4735'	4 SPF	12 holes
6-17-98	4737'-4740'	4 SPF	12 holes
6-19-98	4061'-4067'	4 SPF	24 holes

NEWFIELD

Beluga 15-7-9-17
 820 FSL & 1735 FEL
 SWSE Section 7-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31579; Lease #U-72106

LCN 03/14/12



WELL NAME: Monument State 22-16-9-17B
FIELD: Monument Butte
STATE LEASE NO.: ML-3453-B
LOCATION: SE NW Sec. 16, T9S, R17E
FOOTAGE: 1824' FNL & 1981' FWL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: 3/4/1996
INITIAL PRODUCTION:
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: Waiting on Completion
ELEVATIONS - GROUND: 5273' GL
TOTAL DEPTH: 5600' KB

DATE: 3/21/1996 lac

API NO.: 43-013-31579

NET REVENUE INTEREST: 0.80471769 Oil
0.7310824 Gas

SPUD DATE: 2/17/96

OIL GRAVITY:

BHT:

KB: 5283' KB (10' KB)

PLUG BACK TD: 5525.69' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 295'
DEPTH LANDED: 305' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs

TUBING RECORD

SIZE/GRADE/WT.:
NO. OF JOINTS:
SEATING NIPPLE:
PACKER:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER ROD RECORD

POLISHED ROD:
SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP SIZE:

PUMP NUMBER:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:
PRIME MOVER:

LOGS:

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5562.71'
DEPTH LANDED: 5572.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 204 sxs super "G", 47#/sx "G" +
3/sx poz + 34#/sx BA91 + 3% salt
+ 2% gel + 2#/sx highseal, 2
+ 1/4#/sx cello flake. Tail w/455
sxs 50/50 poz + 2% gel + 1/4#/sx
cello seal + 2#/sx Kol seal.

CEMENT TOP AT: 850' KB

PERFORATION RECORD

3-7-96	Schlumberger	4490' - 4498' 4 SPF R2
		4500' - 4502' 4 SPF R2
3-6-96	Schlumberger	4848' - 4852' 4 SPF G3
		4857' - 4862' 4 SPF G3
		4868' - 4873' 4 SPF G3
3-1-96	Schlumberger	5294' - 5301' 4 SPF B1

ACID JOB / BREAKDOWN JOB

3-4-96	BJ Services	5294' - 5301': 2688 gal 2% KCL wtr w/56 balls, surge balls off. ATR-4.8 bpm, ATP-4000, ISIP-1200.
3-7-96	BJ Services	4848' - 4873': 2856 gal 2% KCL wtr w/112 balls, surge balls off. ATR-3.5 bpm, ATP-2650, ISIP-1450.
3-7-96	BJ Services	4490' - 4502': 2058 gal 2% KCL wtr w/40 balls, surge balls off. ATR-3.0 bpm, ATP-3155, ISIP-600.

FRAC JOB

3-4-96	BJ Services	5294' - 5301': 12,012 gal 2% KCL wtr w/9760 lbs 20/40 & 1,5640 lbs 16/30, flush w/5250 gal 2% KCL wtr. ATR- 31 bpm, ATP-2000, ISIP-1470, 5 min- 1200, 10 min-1080, 15 min-1000, 30 min-920.
3-7-96	BJ Services	4848' - 4873': 16,170 gal 2% KCL wtr w/44,780 lbs 16/30, flush w/4788 gal 2% KCL wtr. ATR-31 bpm, ATP- 2000, ISIP-2,050, 5 min-1850, 10 min- 1720, 15 min-1670.
3-7-96	BJ Services	4490' - 4502': 12,642 gal 2% KCL wtr w/32,860 lbs 16/30, flush w/4452 gal 2% KCL wtr. ATR-31.4 bpm, ATP- 2400, ISIP-2100, 5 min-1940, 10 min- 1630, 15 min-1270, 30 min-250.



Monument State 22-16-9-17B

SE NW Sec. 16, T9S, R17E

1824' FNL & 1981' FWL

Lease No. ML-3453-B

Monument Butte

Duchesne County, Utah

Elev.GR - 5273' GL

Elev.KB - 5283' KB (10' KB)

WELLBORE DIAGRAM

DATE : 3/21/1996 lac

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 295'
DEPTH LANDED: 305' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5562.71'
DEPTH LANDED: 5572.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 204 sxs super "G", 47#/sx "G" +
3/sx poz + 34#/sx BA91 + 3% salt
+ 2% gel + 2#/sx highseal, 2
+ 1/4#/sx cello flake. Tail w/455
sxs 50/50 poz + 2% gel + 1/4#/sx
cello seal + 2#/sx Kol seal.

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
SEATING NIPPLE:
PACKER:
TAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:
SUCKER RODS:

STRING LENGTH:

PUMP SIZE:

PUMP NUMBER:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:

ACID JOB /BREAKDOWN

3-4-96	BJ Services	5294' - 5301': 2688 gal 2% KCL wtr w/56 balls, surge balls off. ATR-4.8 bpm, ATP-4000, ISIP-1200.
3-7-96	BJ Services	4848' - 4873': 2856 gal 2% KCL wtr w/112 balls, surge balls off. ATR-3.5 bpm, ATP-2650, ISIP-1450.
3-7-96	BJ Services	4490' - 4502': 2058 gal 2% KCL wtr w/40 balls, surge balls off. ATR-3.0 bpm, ATP-3155, ISIP-600.

FRAC JOB

3-4-96	BJ Services	5294' - 5301': 12,012 gal 2% KCL wtr w/9760 lbs 20/40 & 15,640 lbs 16/30, flush w/5250 gal 2% KCL wtr. ATR- 31 bpm, ATP-2000, ISIP-1470, 5 min- 1200, 10 min-1080, 15 min-1000, 30 min- 920
3-7-96	BJ Services	4848' - 4873': 16,170 gal 2% KCL wtr w/44,780 lbs 16/30, flush w/4788 gal 2% KCL wtr. ATR-31 bpm, ATP- 2000, ISIP-2,050, 5 min-1850, 10 min- 1720, 15 min-1670.
3-7-96	BJ Services	4490' - 4502': 12,642 gal 2% KCL wtr w/32,860 lbs 16/30, flush w/4452 gal 2% KCL wtr. ATR-31.4 bpm, ATP- 2400, ISIP-2100, 5 min-1940, 10 min- 1630, 15 min-1270, 30 min-250.

PERFORATION RECORD

3-7-96	Schlumberger	4490' - 4498' 4 SPF R2 4500' - 4502' 4 SPF R2
3-6-96	Schlumberger	4848' - 4852' 4 SPF G3 4857' - 4862' 4 SPF G3 4868' - 4873' 4 SPF G3
3-1-96	Schlumberger	5294' - 5301' 4 SPF B1

SN LANDED @ 4,415.24' KB
EOT LANDED @ 4,421.92' KB

PBTD @ 5525.69' KB
TD @ 5600' KB

LOGS:



Monument State 22-16-9-17B
SE NW Sec. 16, T9S, R17E
1824' FNL & 1981' FWL
Lease No. ML-3453-B
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5273' GL
Elev.KB - 5283' KB (10' KB)

DATE : 3/22/96 JZ

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 295'
DEPTH LANDED: 305' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs

305 KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5562.71'
DEPTH LANDED: 5572.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 204 sxs super "G", 47#/sx "G" +
3/sx poz + 34#/sx BA91 + 3% salt
+ 2% gel + 2#/sx highseal, 2
+ 1/4#/sx cello flake. Tail w/455
sxs 50/50 poz + 2% gel + 1/4#/sx
cello seal + 2#/sx Kol seal.

CEMENT TOP AT:

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

3-7-96	Schlumberger	4490' - 4498'	4 SPF	R2
		4500' - 4502'	4 SPF	R2
3-6-96	Schlumberger	4848' - 4852'	4 SPF	G3
		4857' - 4862'	4 SPF	G3
		4868' - 4873'	4 SPF	G3
3-1-96	Schlumberger	5294' - 5301'	4 SPF	B1

Green River Formation 1450 to 5400 ft.

Arrow Set-1 Packer
Landed @ 4430' KB

4490' - 4502'

4848' - 4873'

5294' - 5301'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5525.69' KB
TD @ 5600' KB

Wasatch Formation 5950 ft.

TUBING

SIZE / GRADE / WT. : 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 4425'
SEATING NIPPLE: 2-7/8" X 1.1'
RROW SET 1 PACKER: 5-1/2" X 4'
PACKER SET AT: 4430' KB



Monument State 22-16-9-17B
SE NW Sec. 16, T9S, R17E
1824' FNL & 1981' FWL
Lease No. ML-3453-B
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5273' GL
Elev.KB - 5283' KB (10' KB)

DATE : 3/22/96 JZ

Proposed Plugging & Abandonment Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 295'
DEPTH LANDED: 305' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs

305 KB

Permanent P&A marker w/ identifying well information.

Plug No.2 Surface to 405 ft.
Perforate csg at 100 ft below
the surface csg shoe & circulate
100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5562.71'
DEPTH LANDED: 5572.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 204 sxs super "G", 47#/sx "G" +
3/sx poz + 34#/sx BA91 + 3% salt
+ 2% gel + 2#/sx highseal, 2
+ 1/4#/sx cello flake. Tail w/455
sxs 50/50 poz + 2% gel + 1/4#/sx
cello seal + 2#/sx Kol seal.
CEMENT TOP AT:

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

3-7-96	Schlumberger	4490' - 4498'	4 SPF	R2
		4500' - 4502'	4 SPF	R2
3-6-96	Schlumberger	4848' - 4852'	4 SPF	G3
		4857' - 4862'	4 SPF	G3
		4868' - 4873'	4 SPF	G3
3-1-96	Schlumberger	5294' - 5301'	4 SPF	B1

Green River Formation 1450 to 5400 ft.

Arrow Set-1 Packer
Landed @ 4430' KB

4490' - 4502'

Plug No.1 TD to 4190 ft.
260 sx of Class-G Cement

4848' - 4873'

5294' - 5301'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5525.69' KB
TD @ 5600' KB

Wasatch Formation 5950 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.